

Lock.

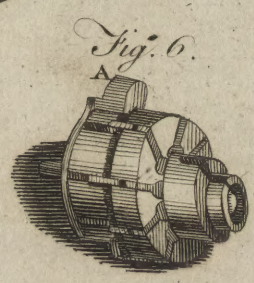
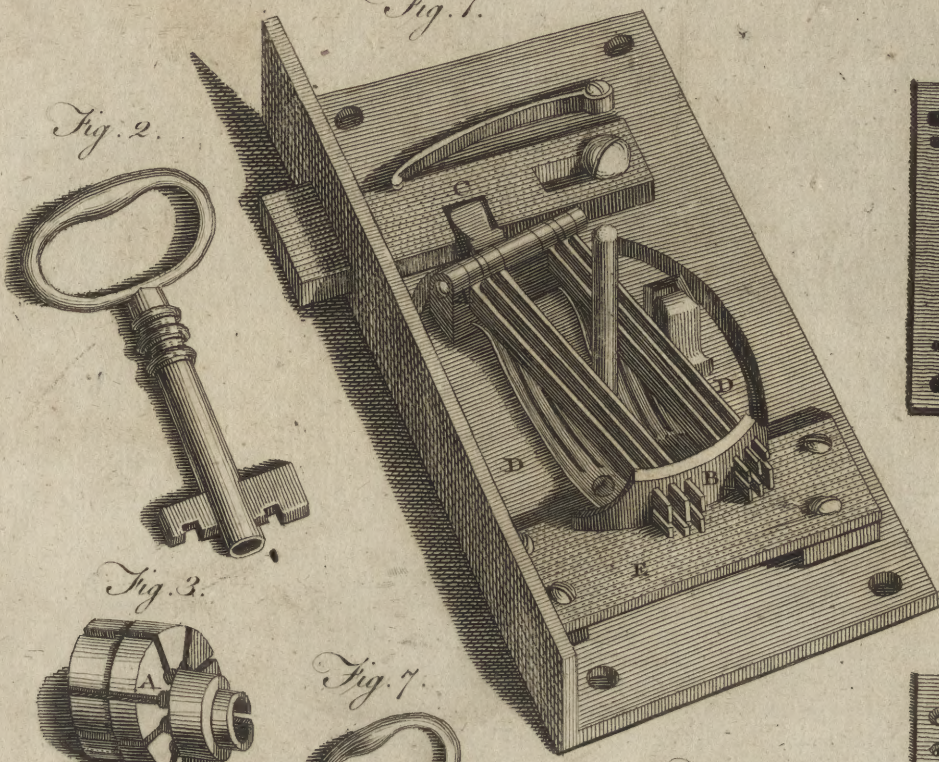


Fig. 8.

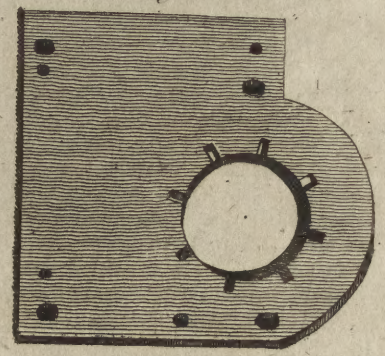


Fig. 10.

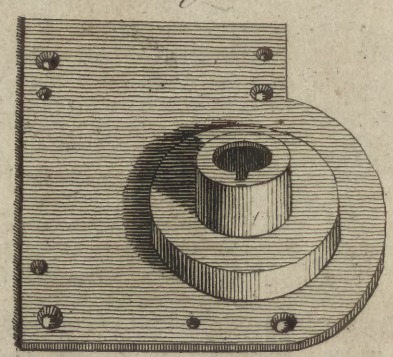
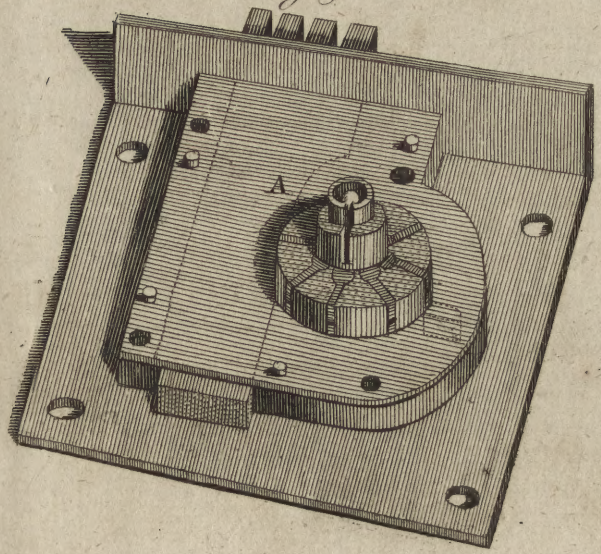
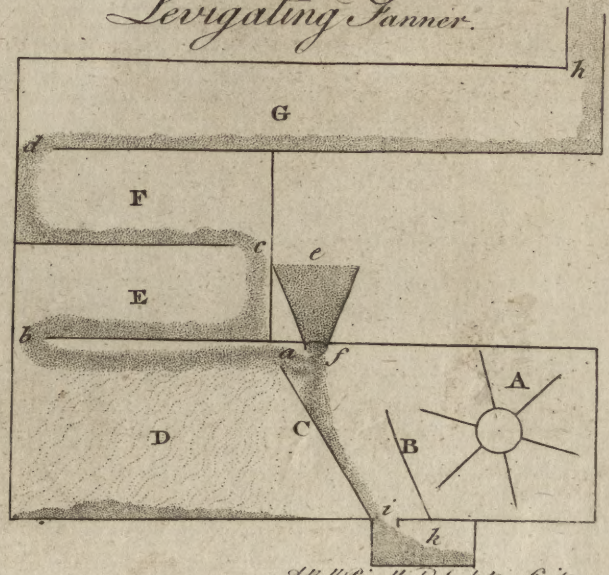


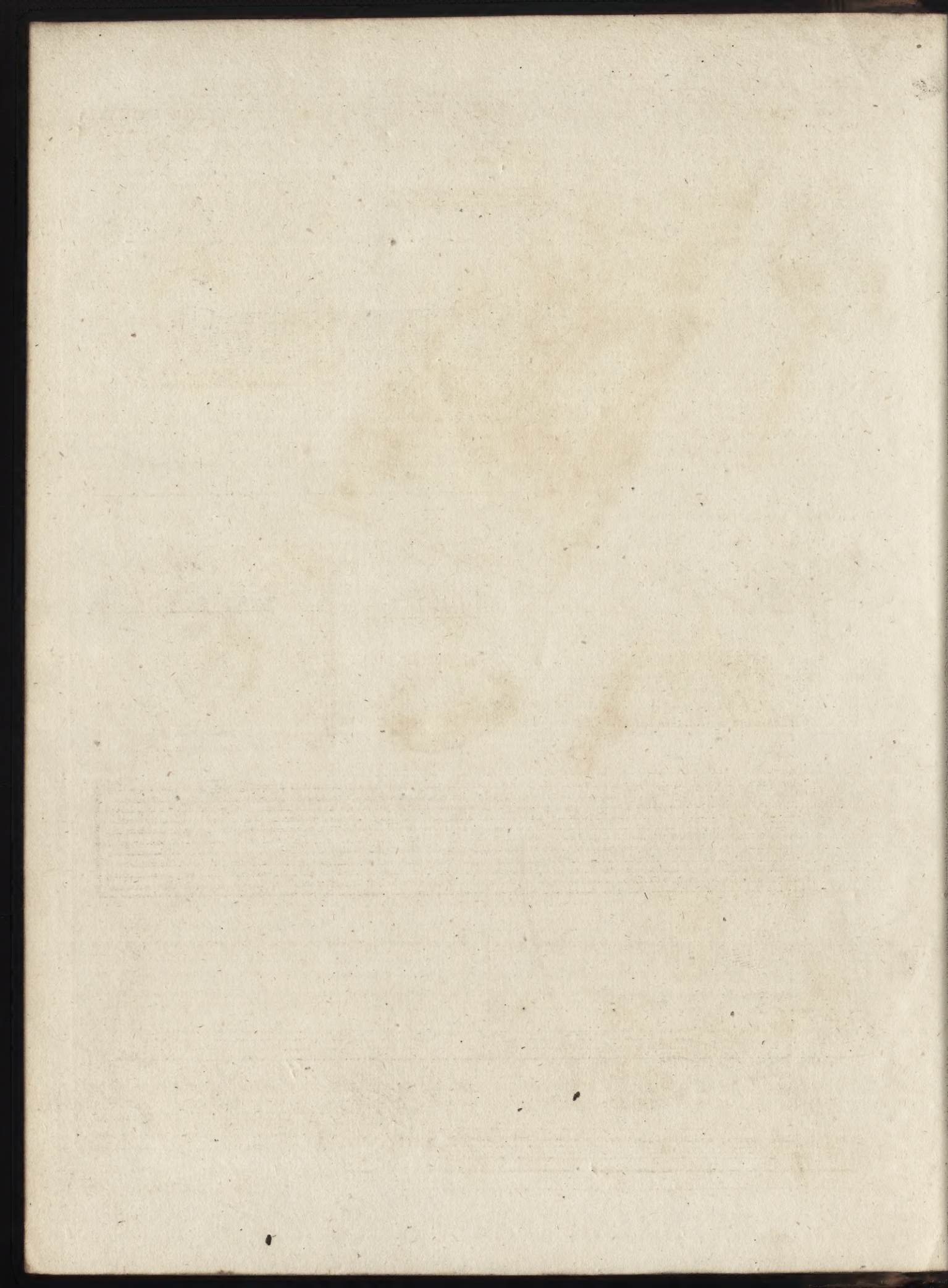
Fig. 9.



Levigating Fanner.



A. Bellinelli del. Sculptor. fecit.



Log.
Fig. 2.

Fig. 3.

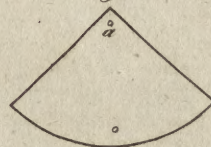
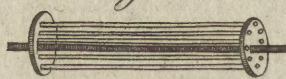
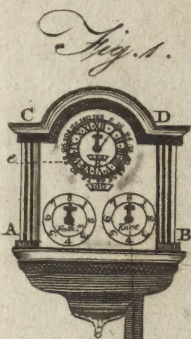
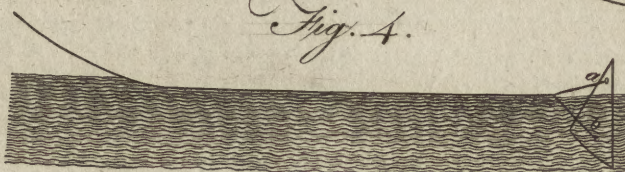


Fig. 4.



Logarithms.

Fig. 1.

Fig. 2.

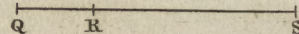
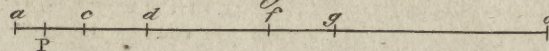


Fig. 3.

Fig. 4.

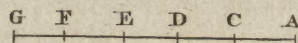


Fig. 5.

Fig. 6.

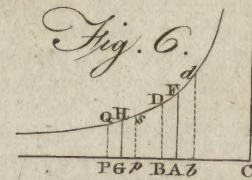
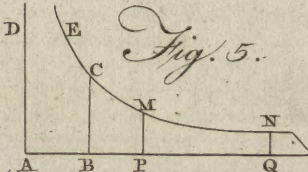


Fig. 7.

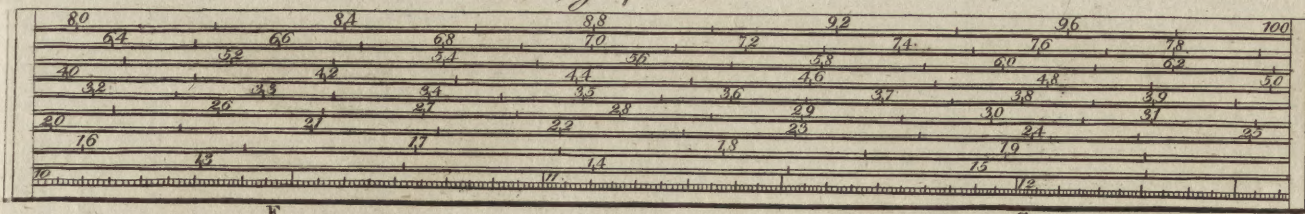


Fig. 8.

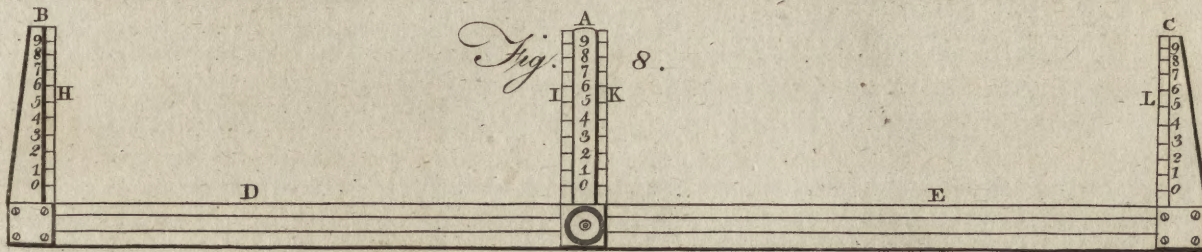


Fig. 9.

Fig. 10.

Fig. 11.

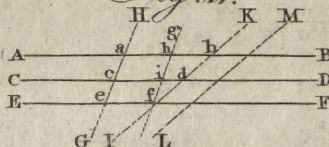
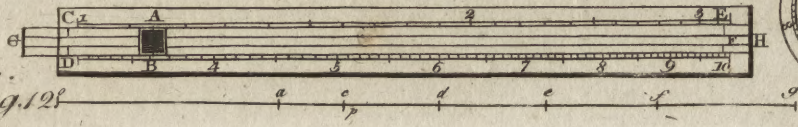
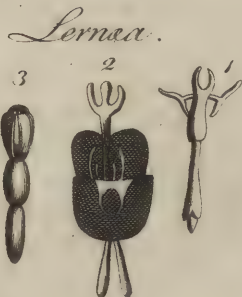


Fig. 12.

Ad. Bell Prin. Wal. Sculptor fecit.

Loria.

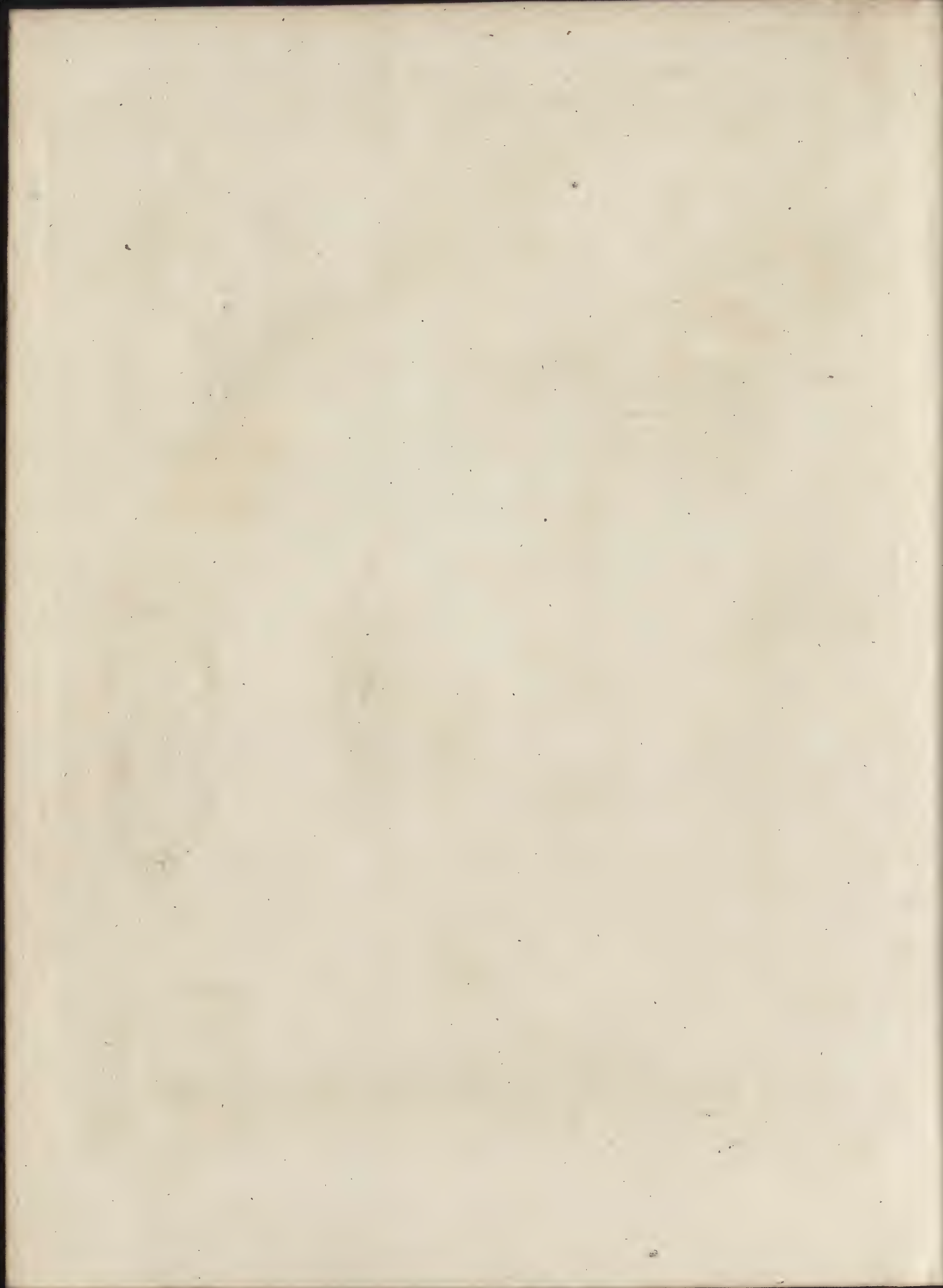
Plate CCLXXIV.



Lumbricus marinus.

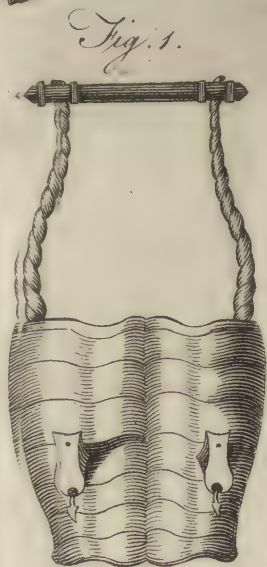
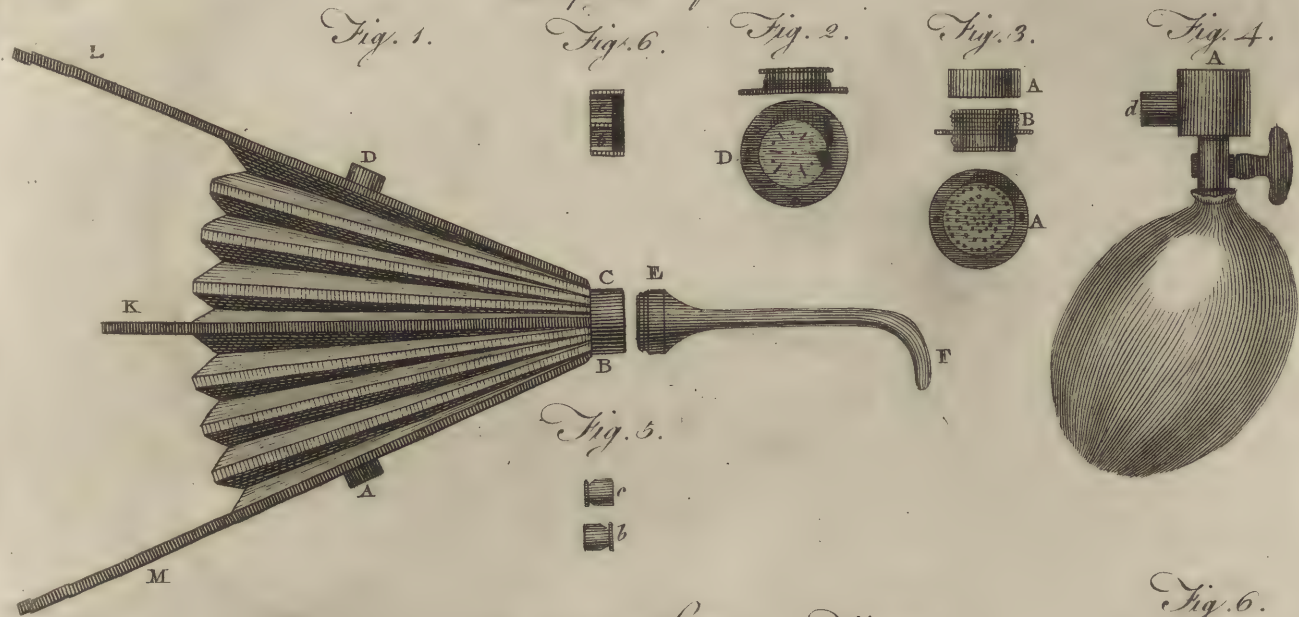


A. Bell. Pin. Wal. sculptor fecit.



Bellows for inflating the Lungs, in order to restore suspended respiration.

Plate CCLXXV.



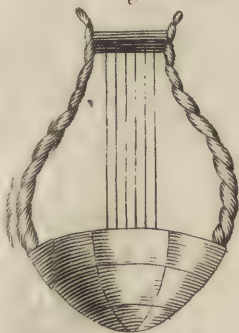
Ancient Lyres. Fig. 5.



Fig. 6.



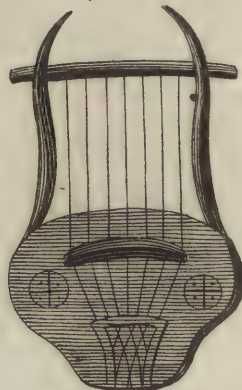
Fig. 3.



Lucanus.



Fig. 4.



A. Bell, Prim. Ital. Sculptor fecit.



MAGNETISM.

Plate CCLXXVI.

Fig. 1.

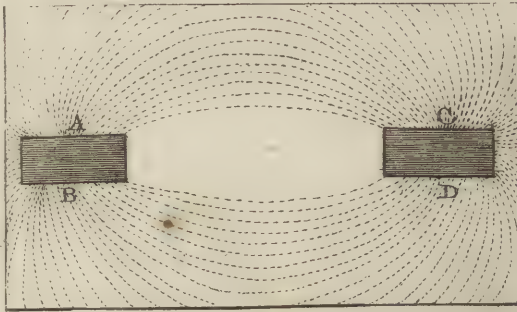


Fig. 2.

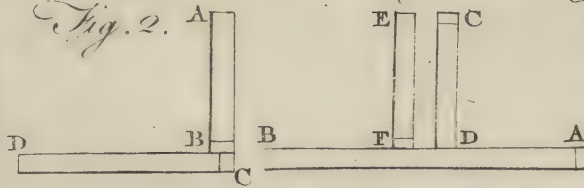


Fig. 3.



Fig. 8.

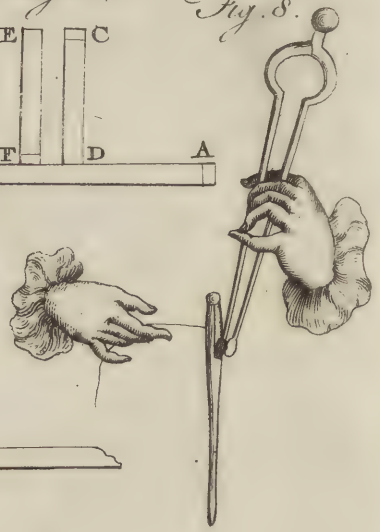


Fig. 4.



Fig. 5.

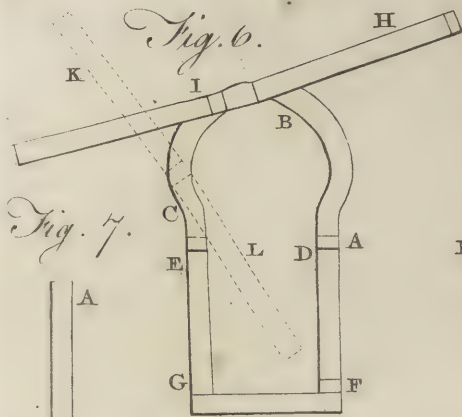
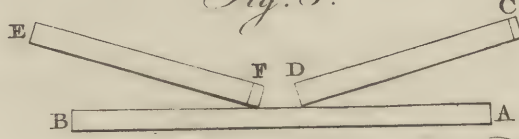


Fig. 7.

Fig. 10.

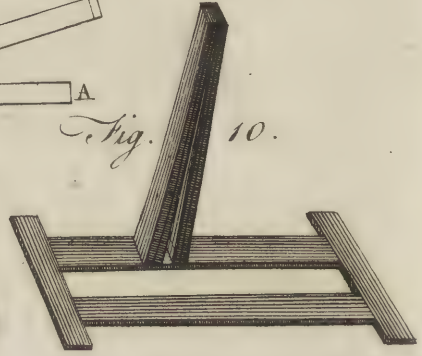


Fig. 13.

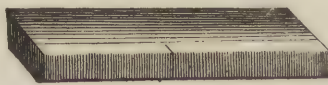


Fig. 9.



Fig. 12.

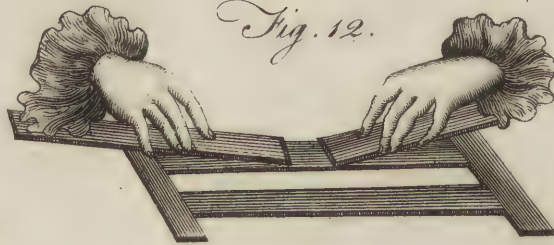


Fig. 11.

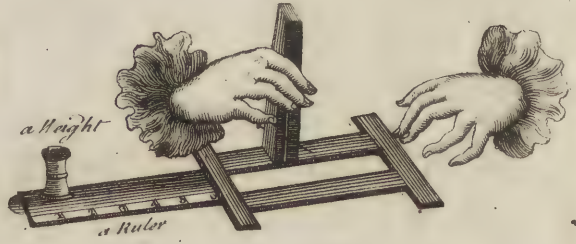


Fig. 14.

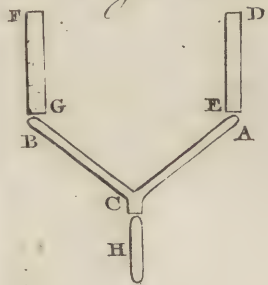


Fig. 16.

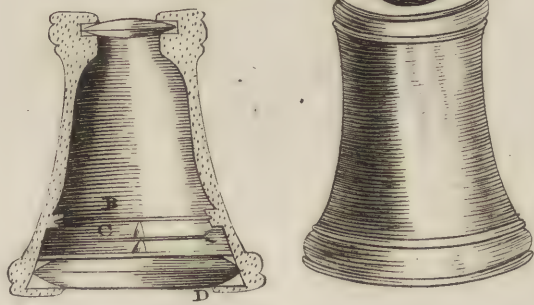
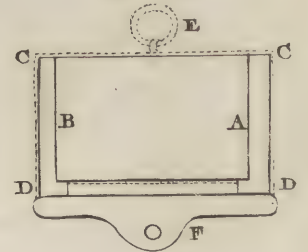
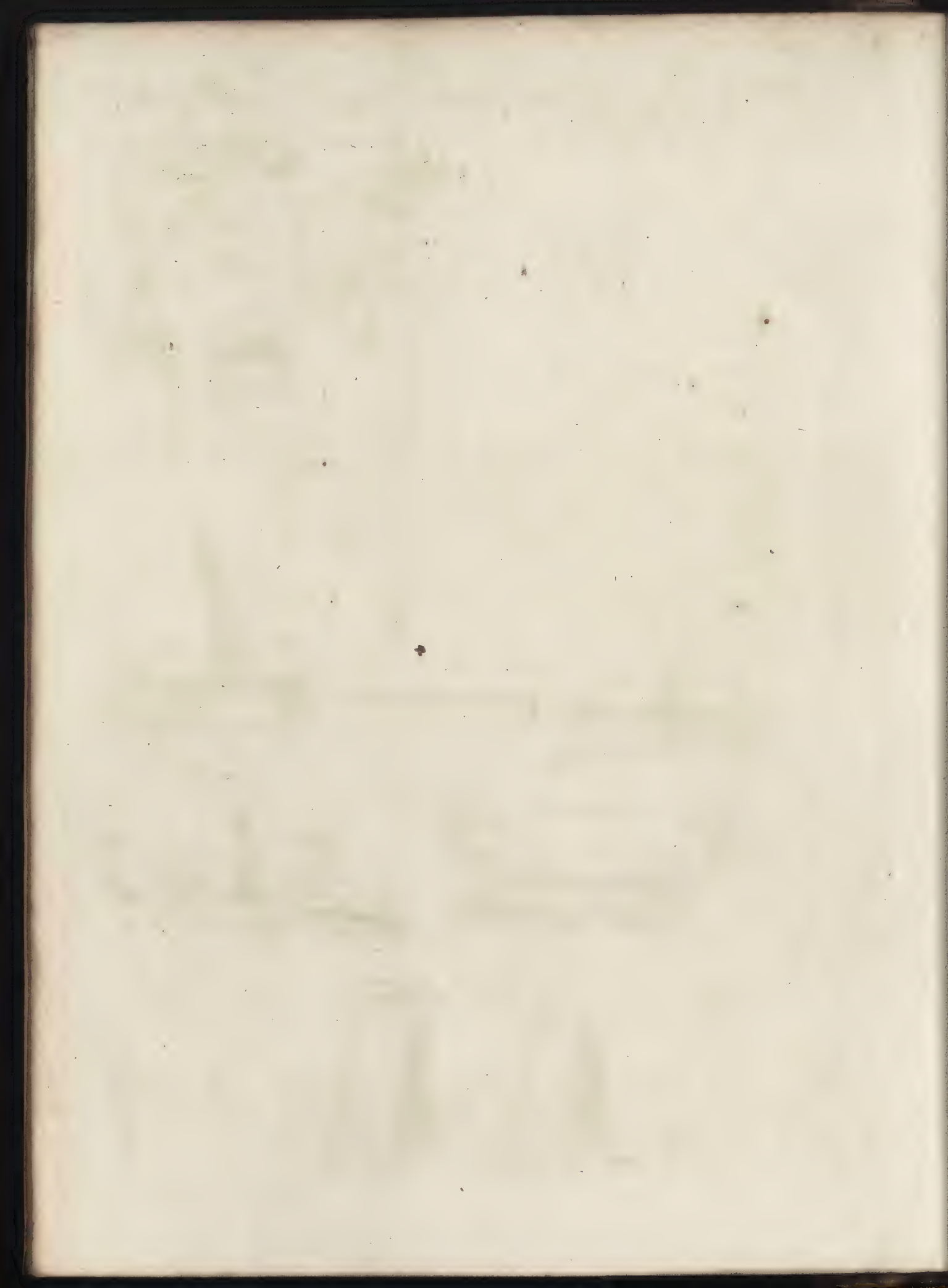


Fig. 15.



A Bell Shown that's apter joint



MAGNETISM.

Plate CCLXXVII.

Fig. 17.

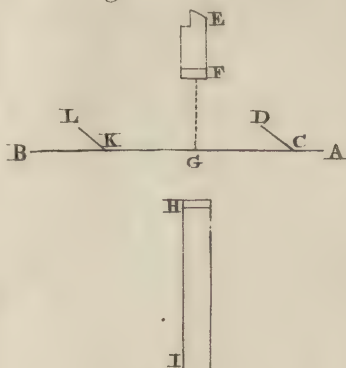


Fig. 18.

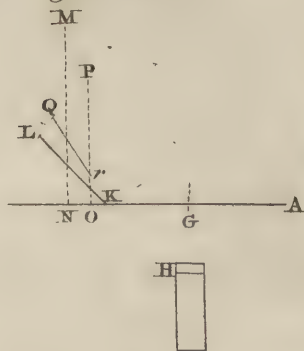


Fig. 19.

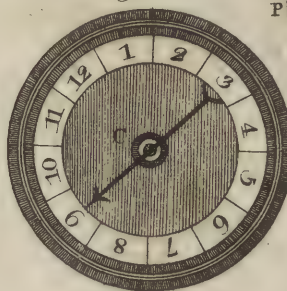


Fig. 20.

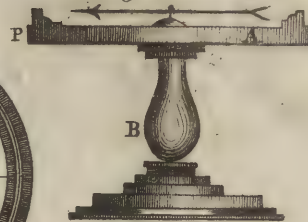


Fig. 21.



Fig. 22.



Fig. 23.



Fig. 25.



Fig. 27.

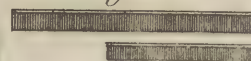


Fig. 28.



Fig. 24.



Fig. 26.



Fig. 29.

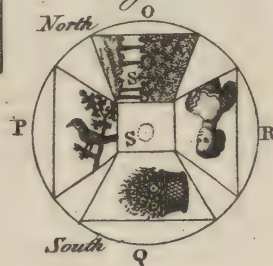


Fig. 30.

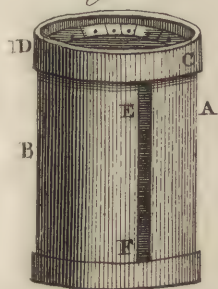


Fig. 31.



Fig. 33.

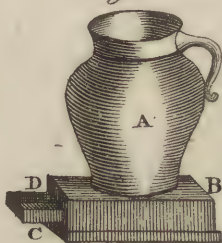


Fig. 34.

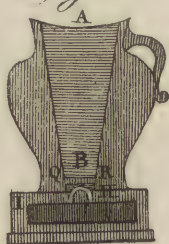


Fig. 32.



Fig. 36.

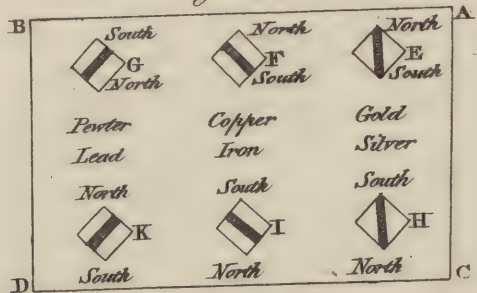


Fig. 35.



N^o 1. North



N^o 2. North



N^o 3. North



N^o 4. South

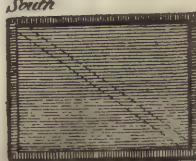




Fig. 37.



Fig. 38.

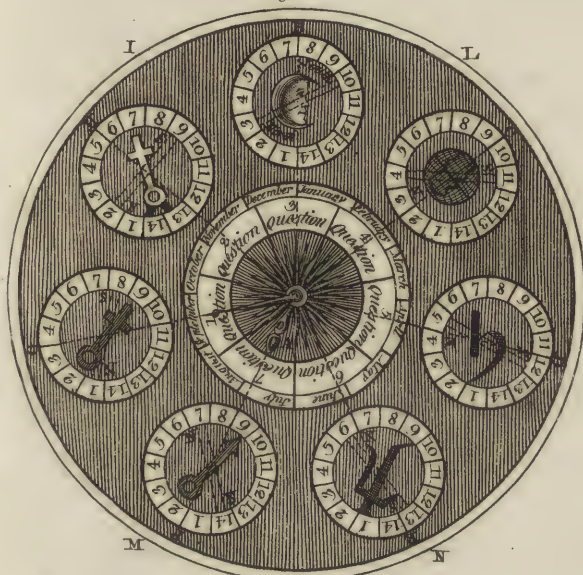


Fig. 40.

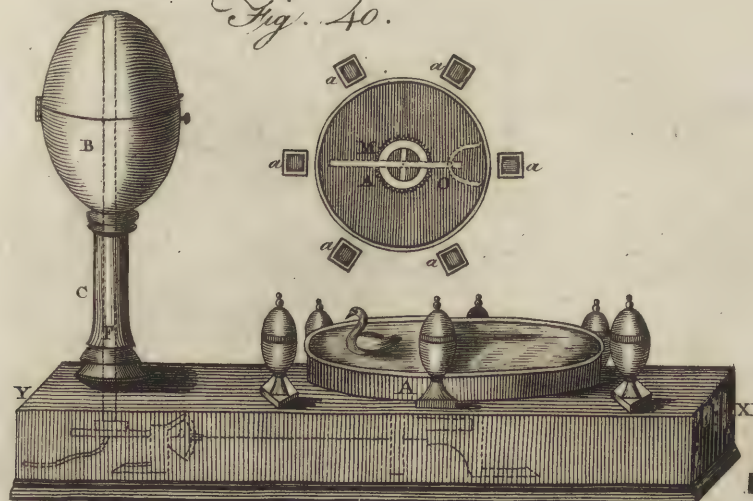


Fig. 42.



Fig. 39.

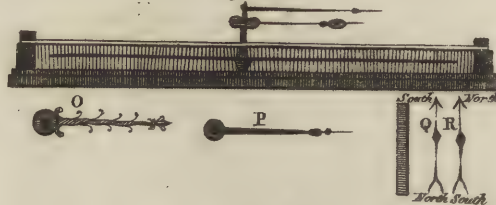


Fig. 41.

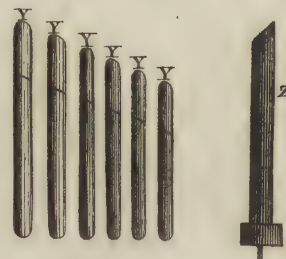
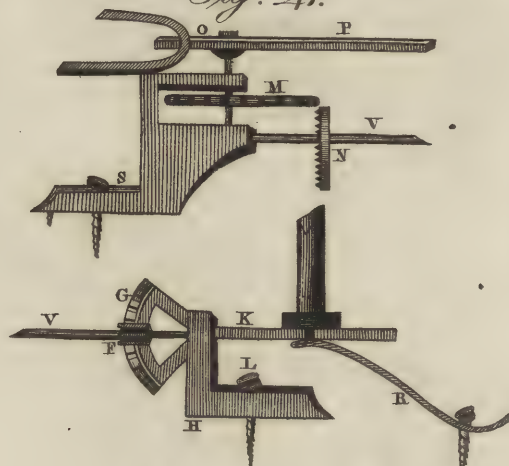


Fig. 44.

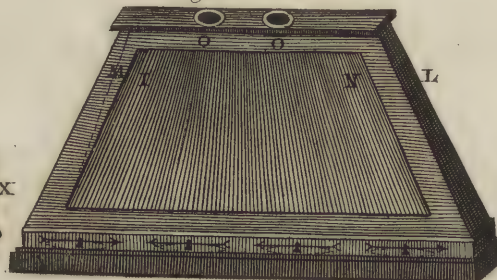
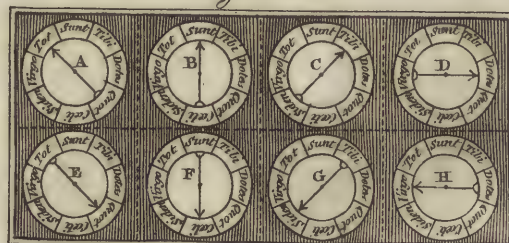


Fig. 43.



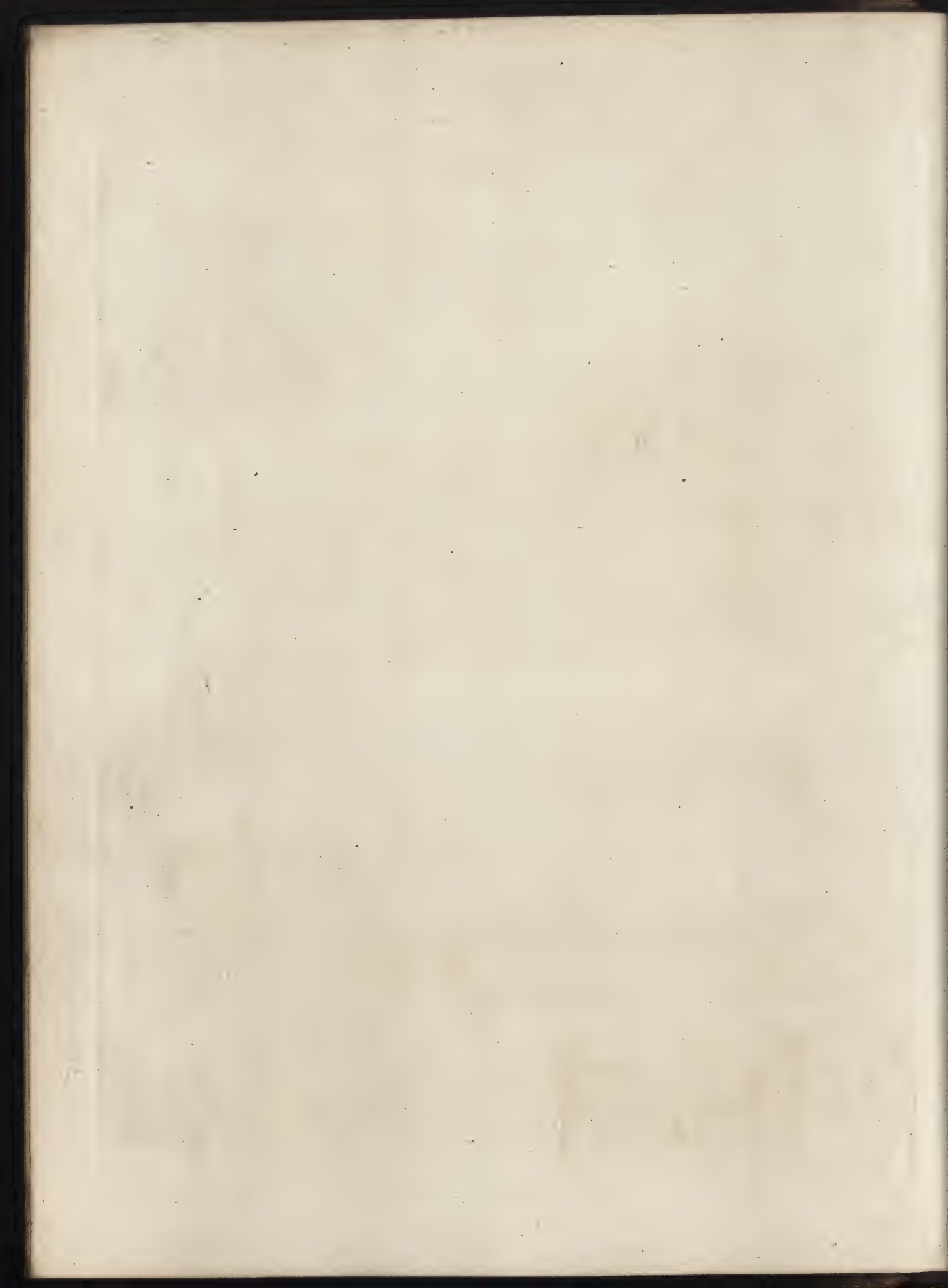


Plate CCLXXIX.

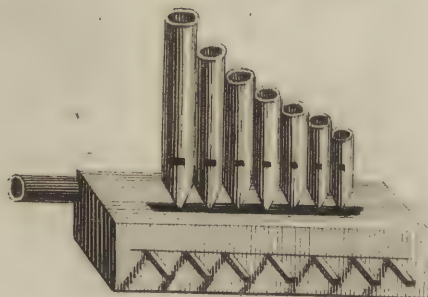
Nachul.



N.º 2.



Masrakithu.



Macpachochitl.



Mantis.



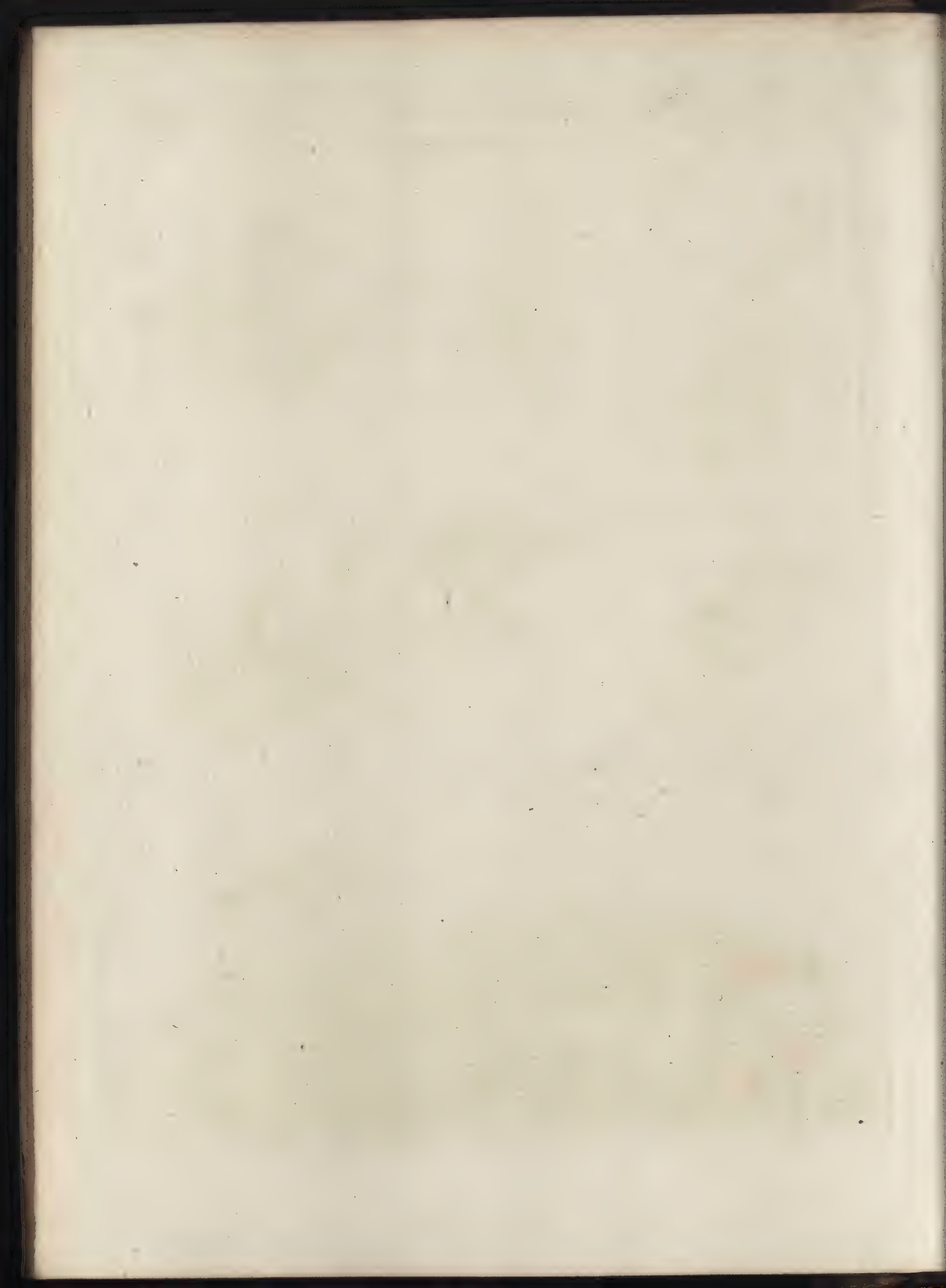
Hernis or Scaly Lizard.

Long tailed.

Short tailed.

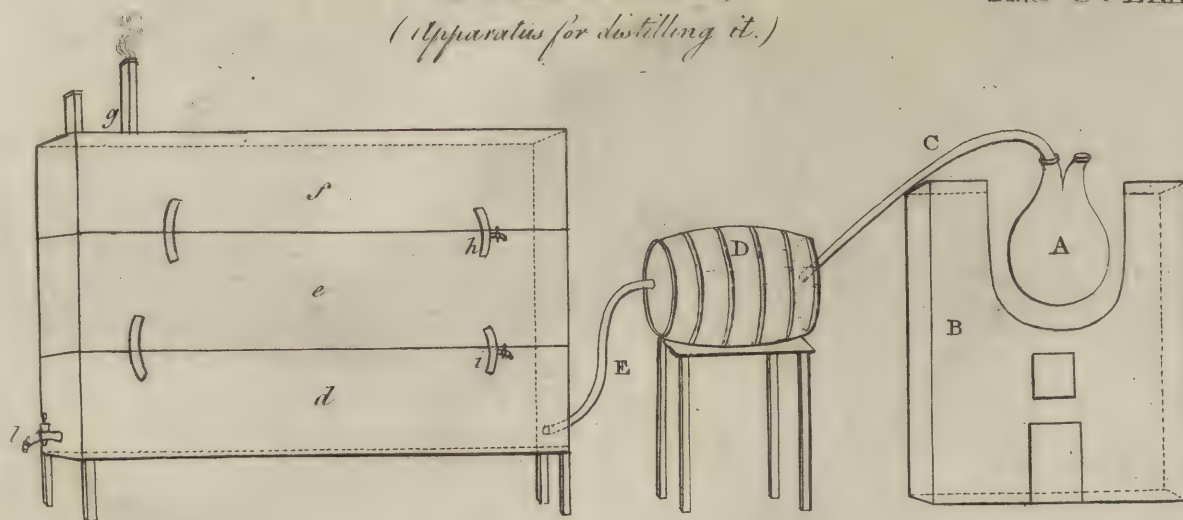


A. Bell Pin. Wat. Sculptor fecit.



*Marine. Acid,
(Apparatus for distilling it.)*

Plate CCLXXX.



MASONRY.

Fig. 1.

Fig. 2.

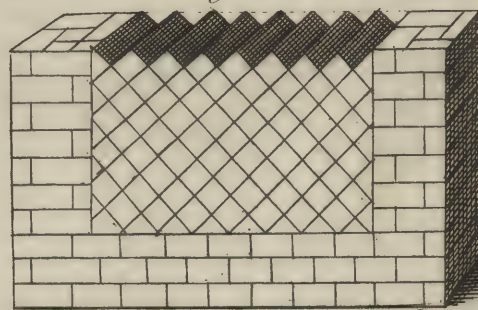
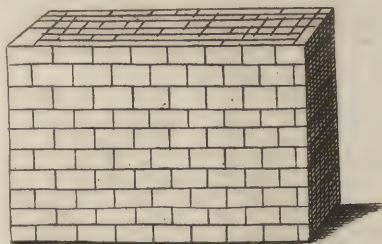


Fig. 8.

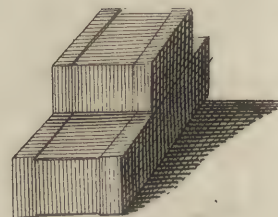


Fig. 3.

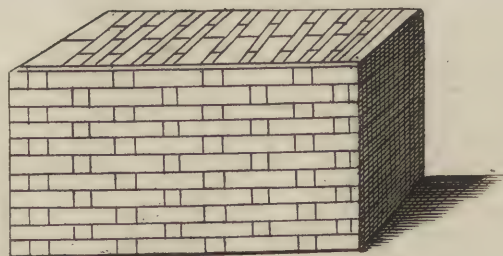


Fig. 5.



Fig. 4.

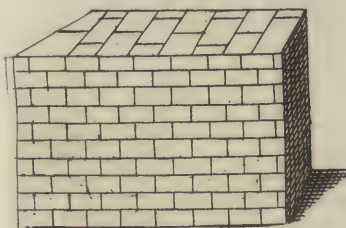


Fig. 6.

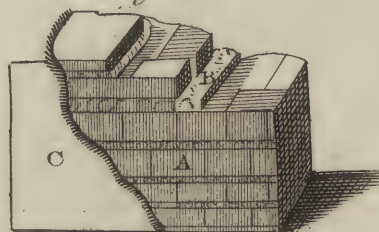
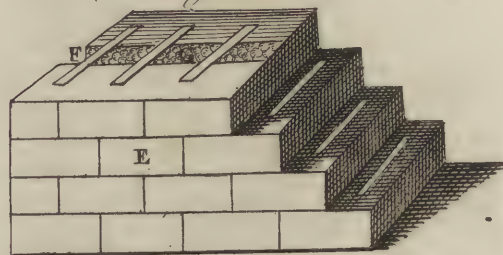


Fig. 7.



A. Bell Prin. W. & A. Sculptor. fecit.

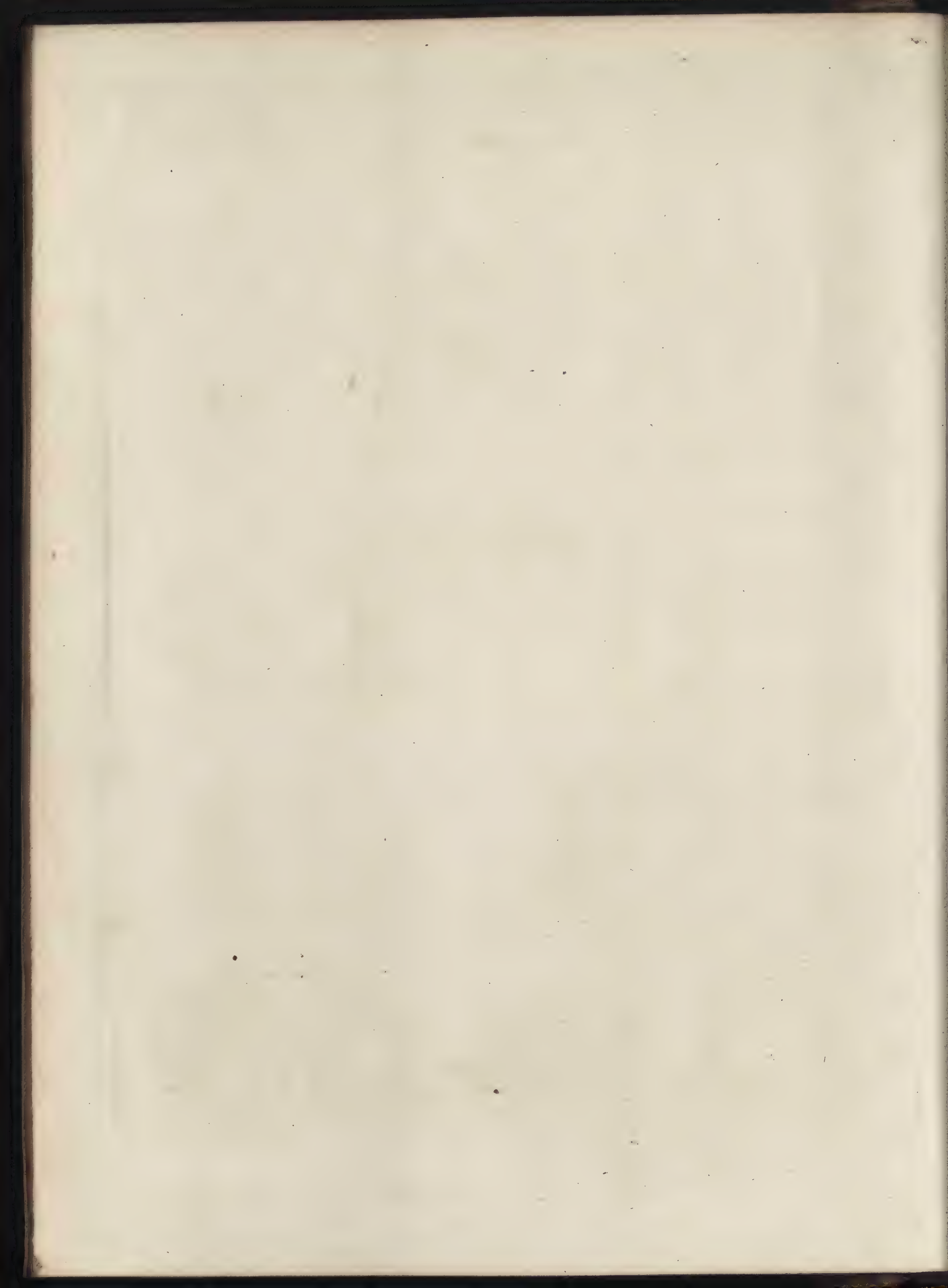


Fig. 2. Fig. 3.



Fig. 6.

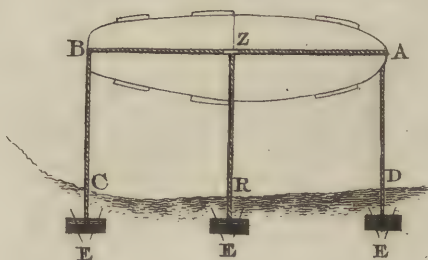


Fig. 4.

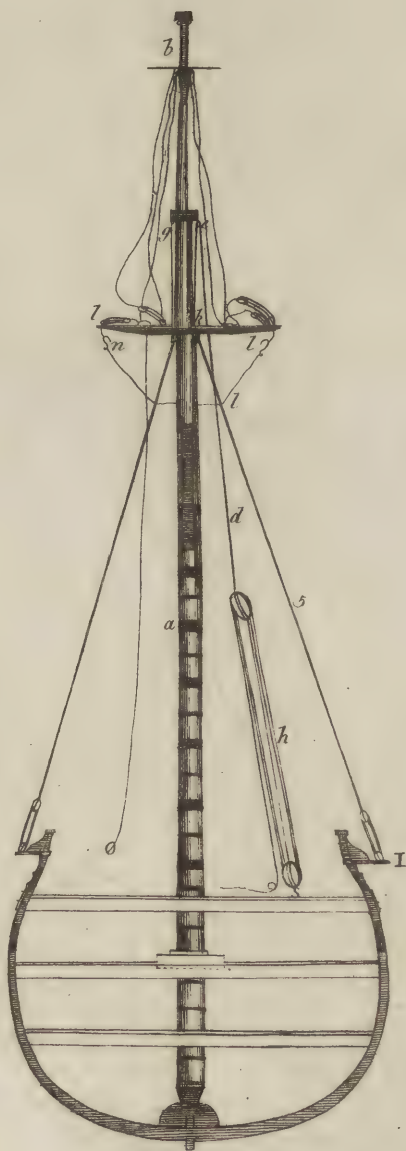
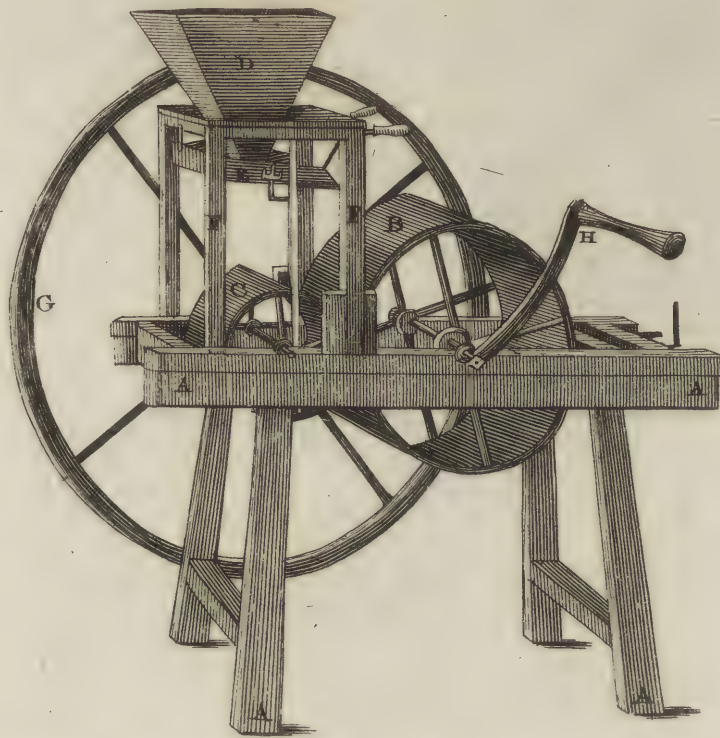


Fig. 5.







MECHANICS.

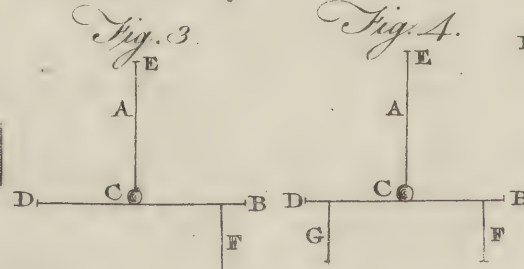


Fig. 4.

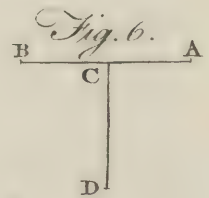


Fig. 2.



Fig. 9.

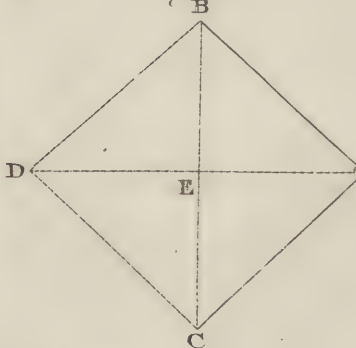


Fig. 10.

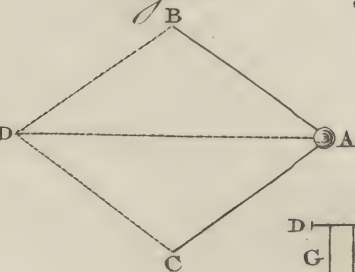


Fig. 5.

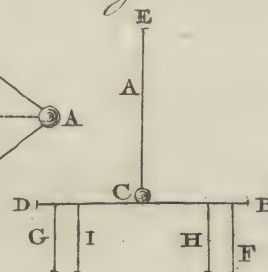


Fig. 7.

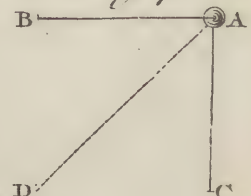


Fig. 8.

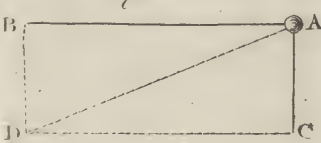


Fig. 11.

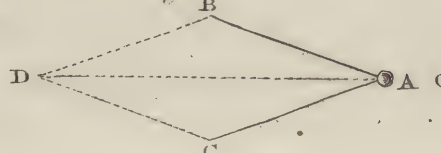


Fig. 12.



At Bell's Print. H. R. Sculph. mod.

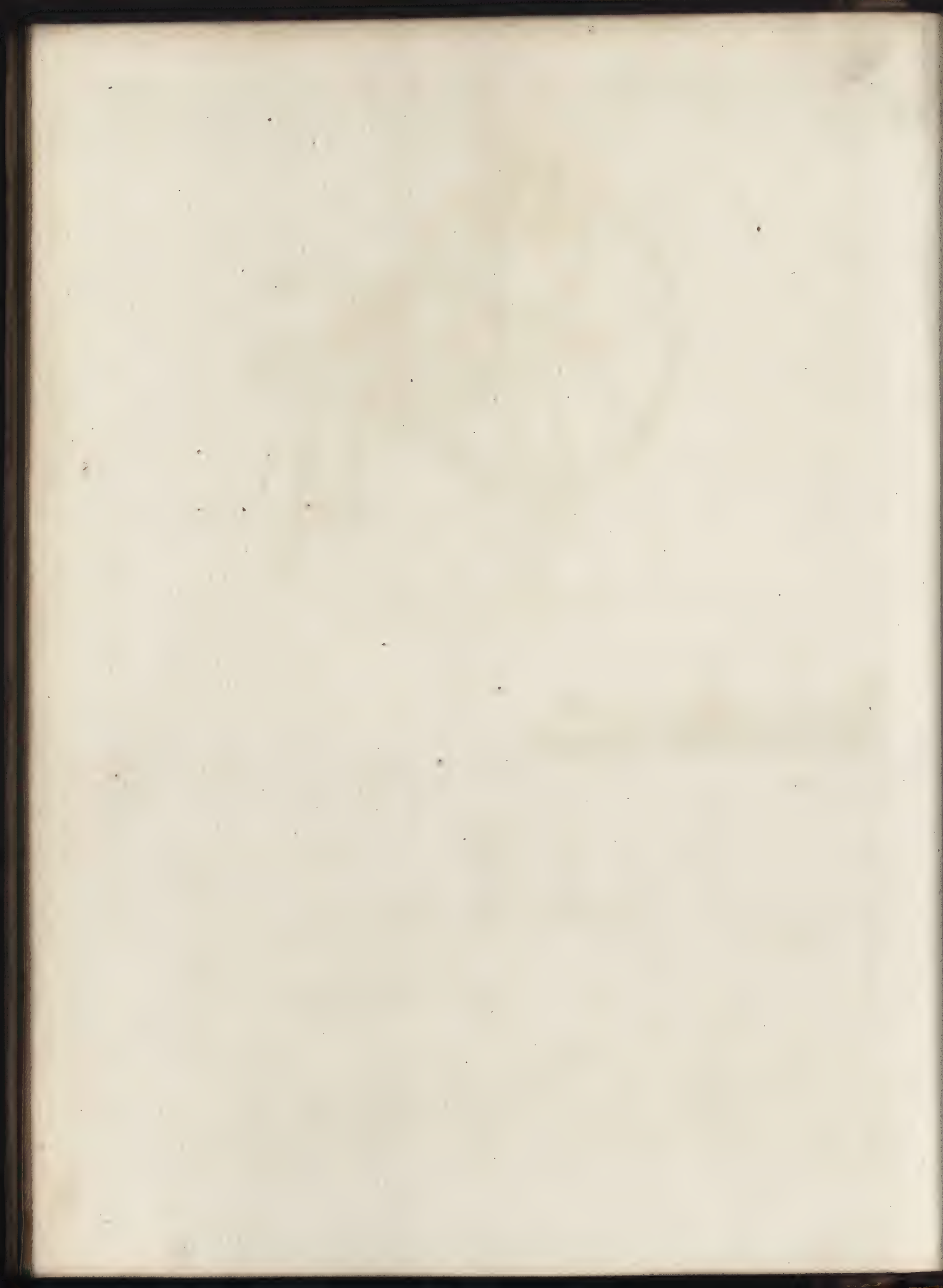


Fig. 13.



Fig. 14.

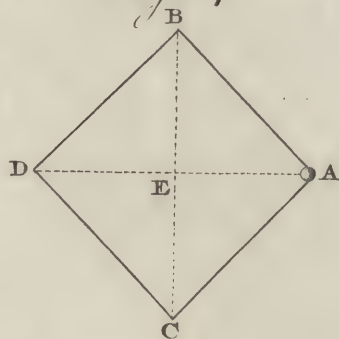


Fig. 15.

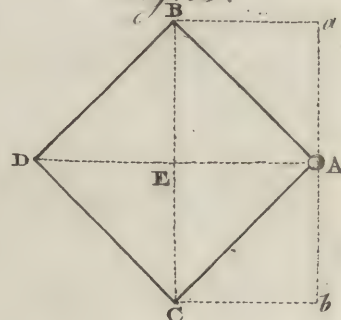


Fig. 16.

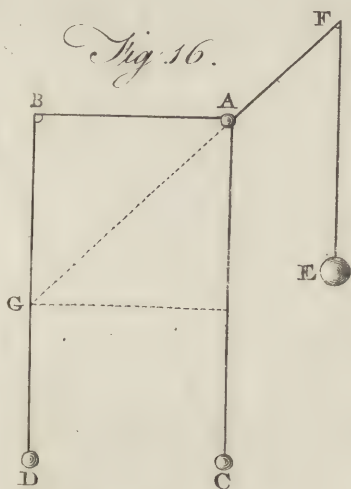


Fig. 17.

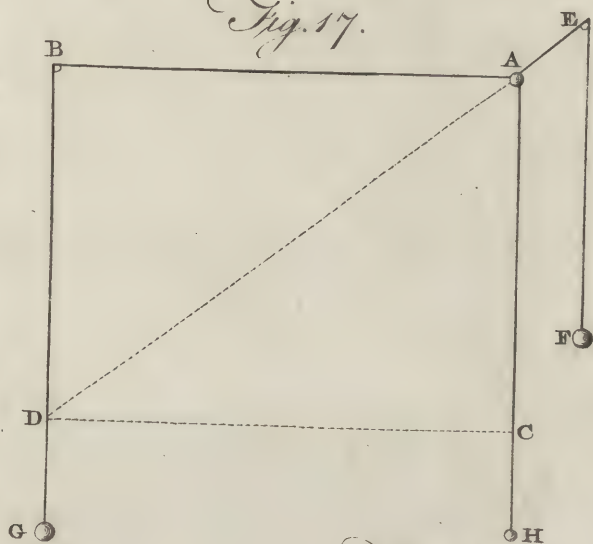


Fig. 23.

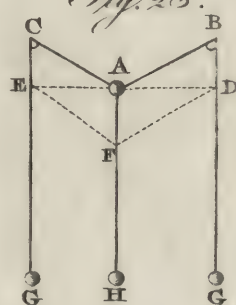


Fig. 18.

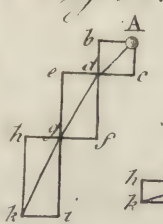


Fig. 19.

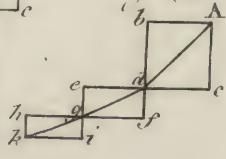


Fig. 22.

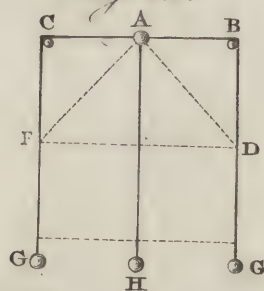


Fig. 21.

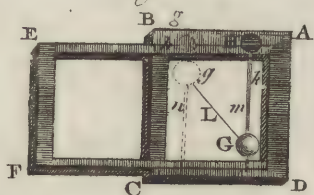


Fig. 20.

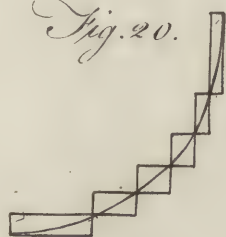


Fig. 25.

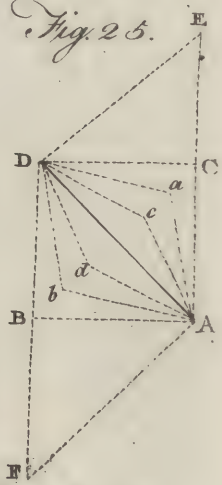


Fig. 27.

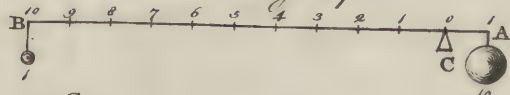


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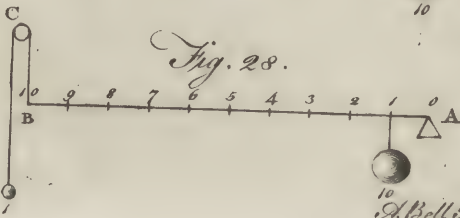


Fig. 26.

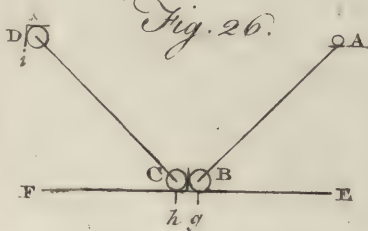




Fig. 29.

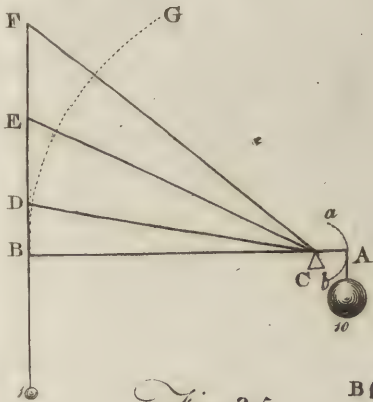


Fig. 30.

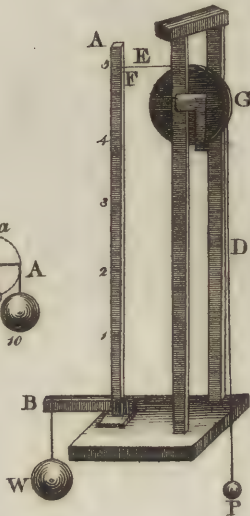


Fig. 31.



Fig. 34.

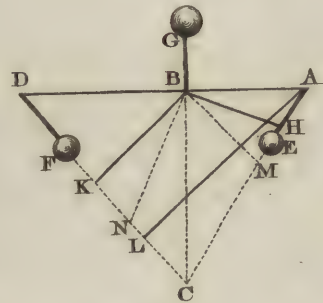


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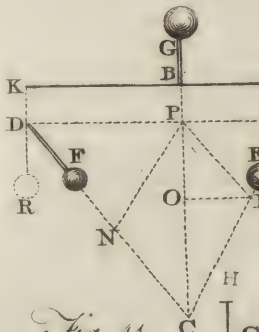


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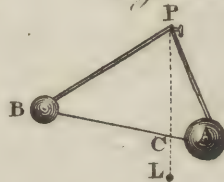


Fig. 32.

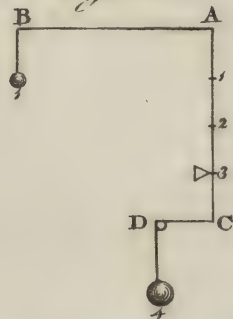


Fig. 33.

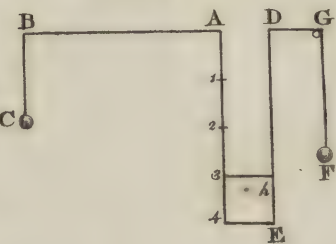


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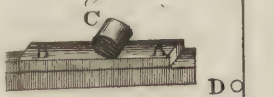


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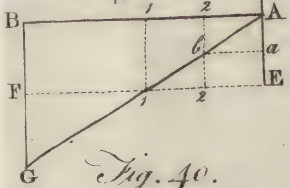


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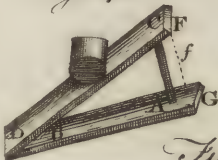


Fig. 43.



Fig. 42.

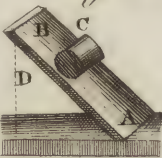


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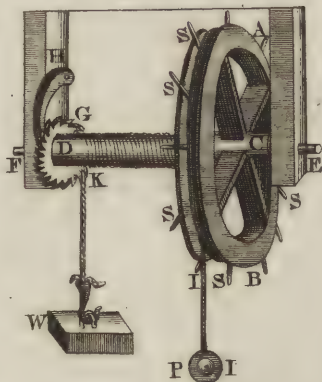


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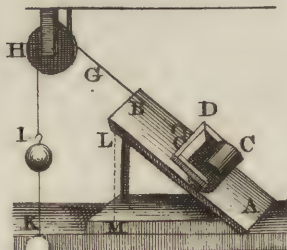


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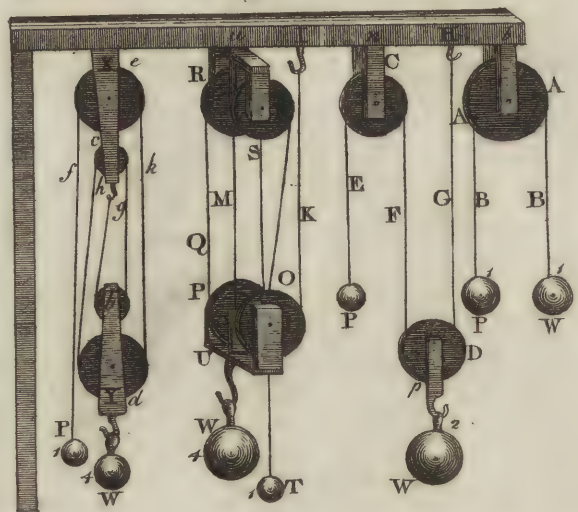
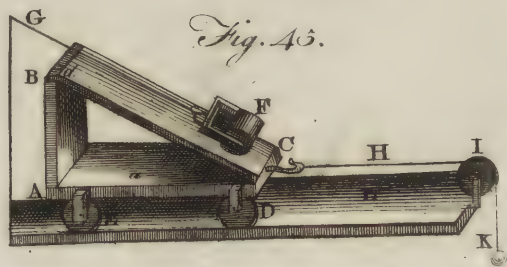


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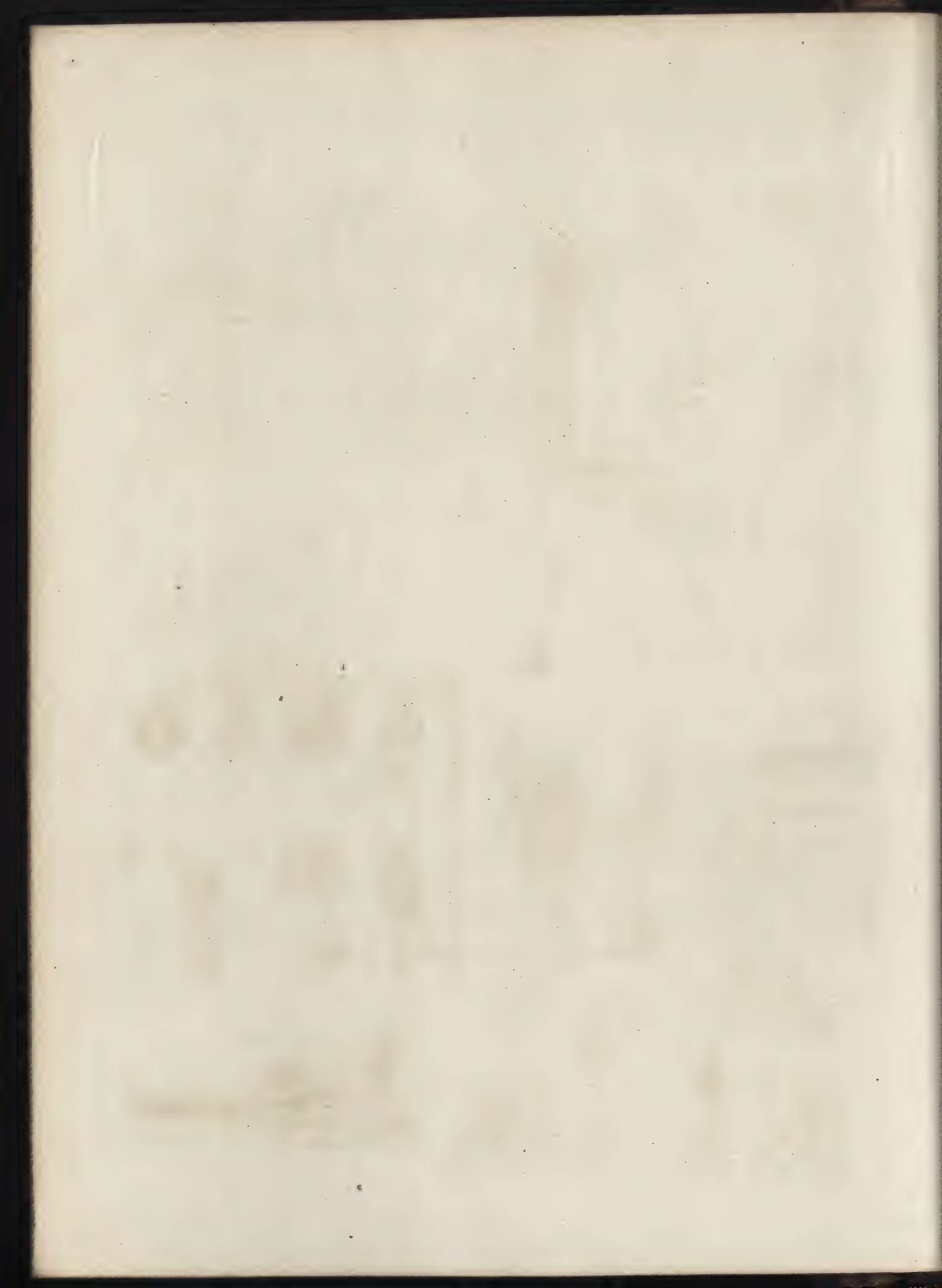


Fig. 46.



Fig. 47.



Fig. 48.



Fig. 49.

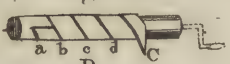


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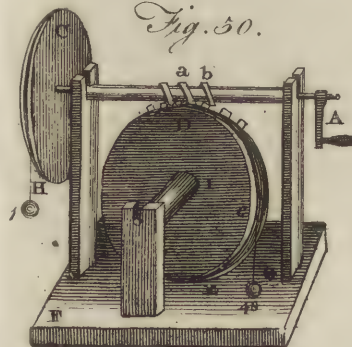


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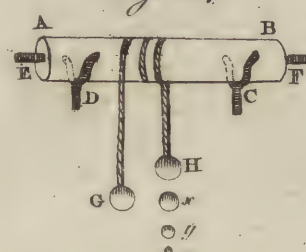


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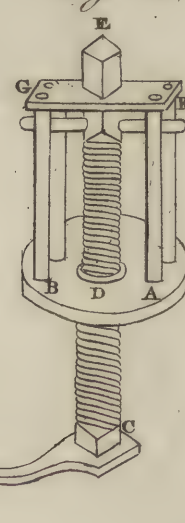


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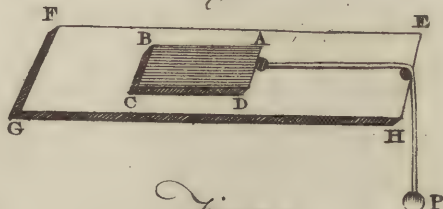


Fig. 57.



Fig. 53.

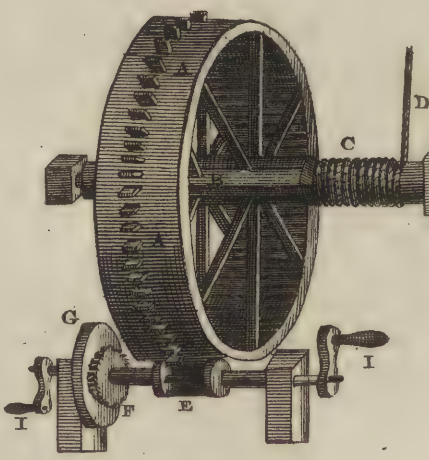


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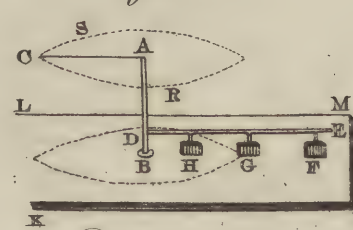
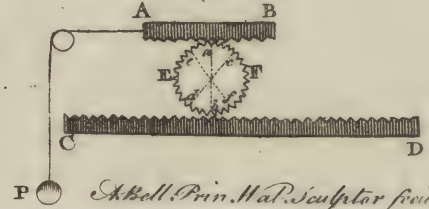


Fig. 58.



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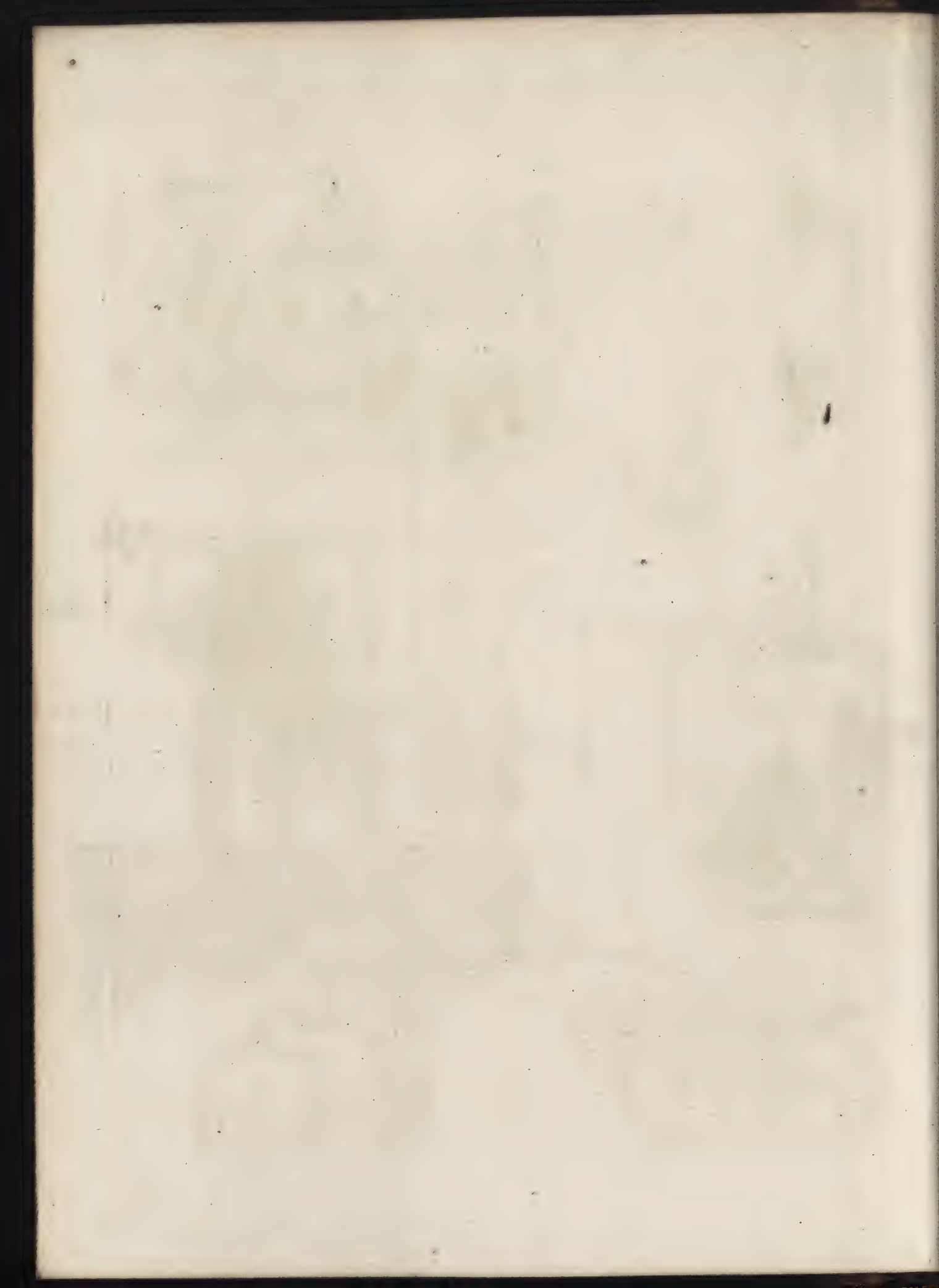


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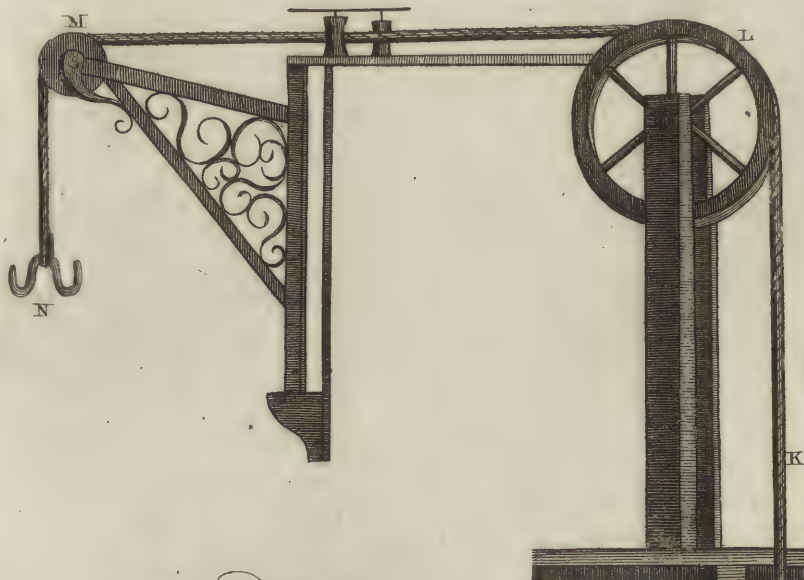


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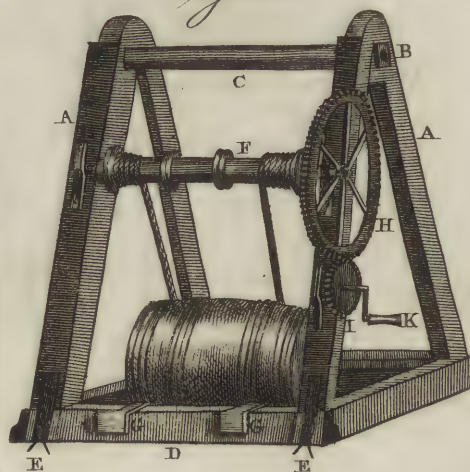


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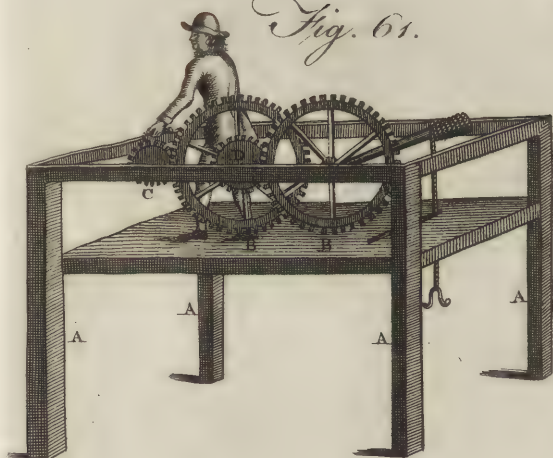


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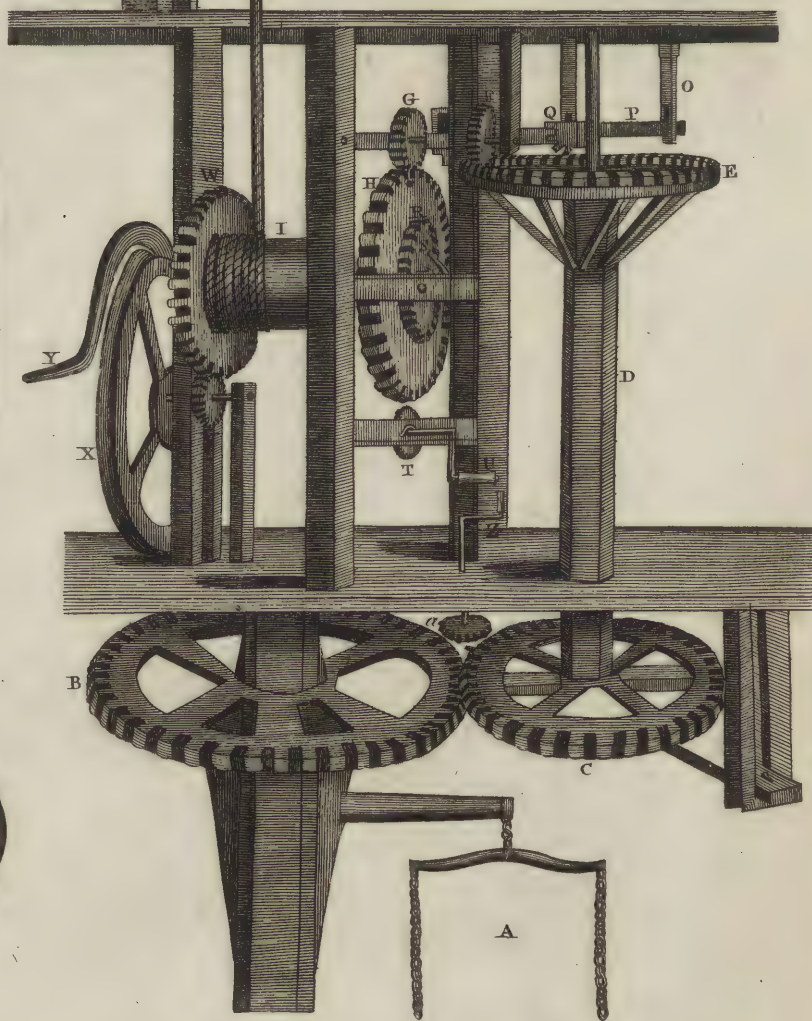
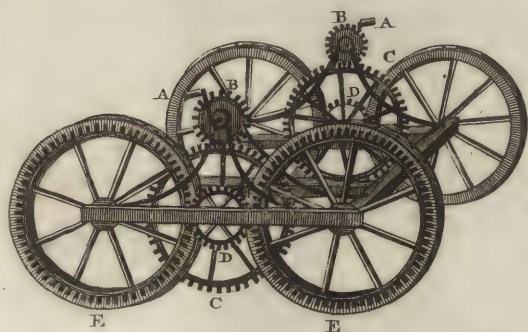


Fig. 63.



Fig. 64.



Fig. 67.



Fig. 65.



Fig. 66.



Fig. 68.

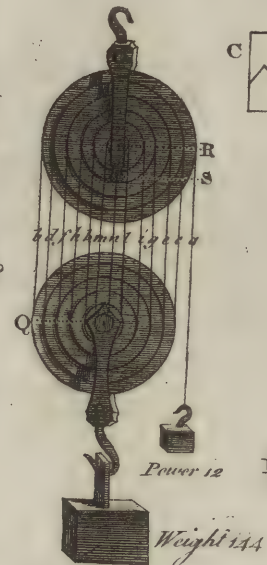


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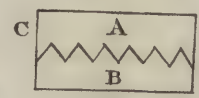


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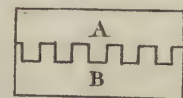


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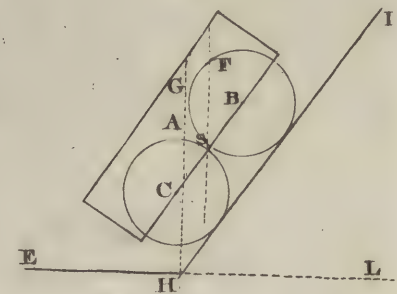


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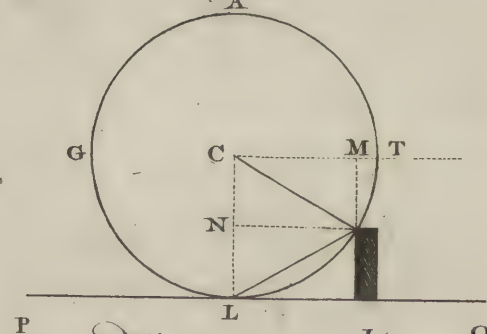


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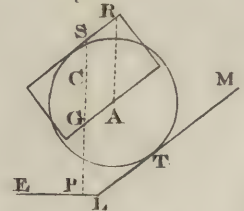


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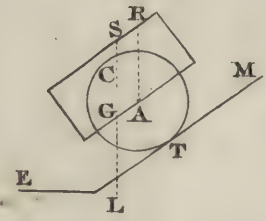


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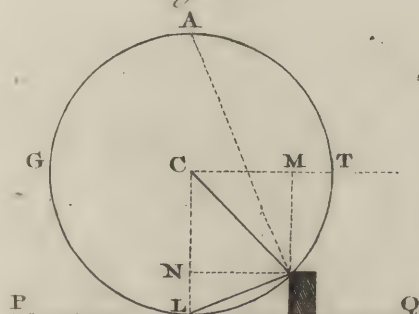


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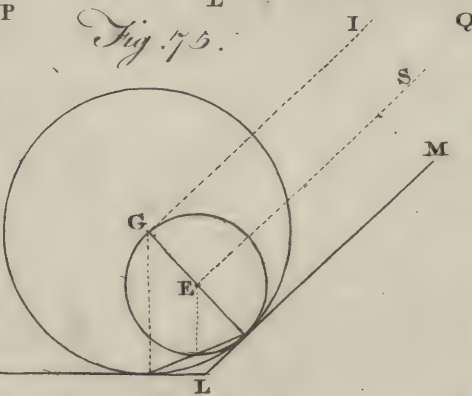
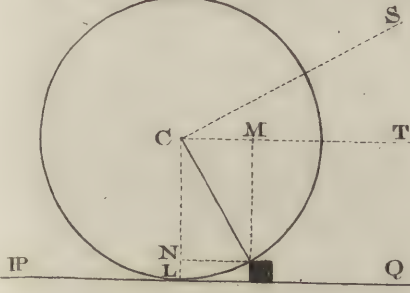


Fig. 75.

Fig. 79.

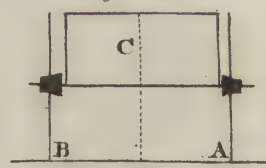


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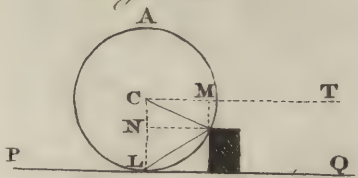


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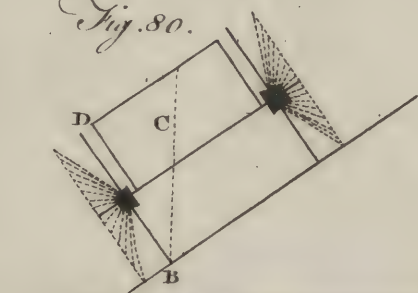


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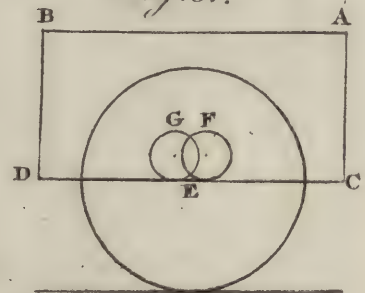




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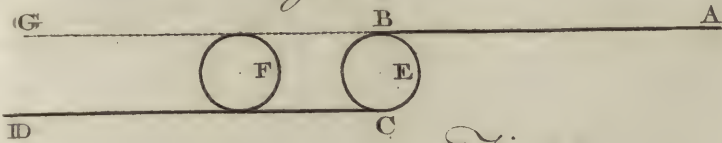


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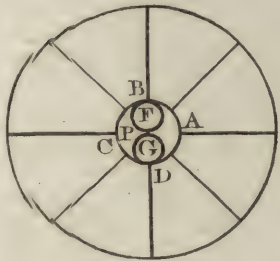


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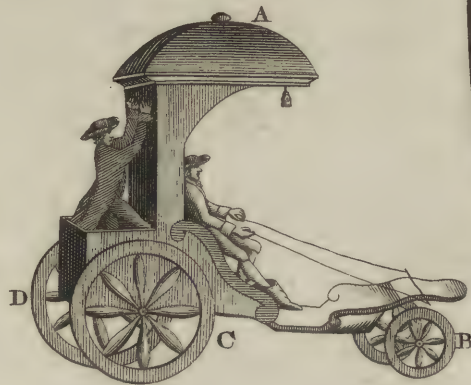


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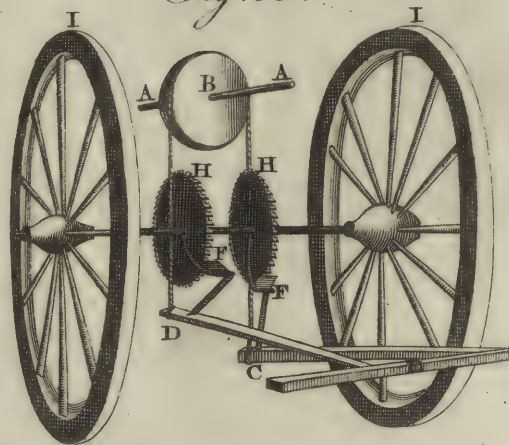


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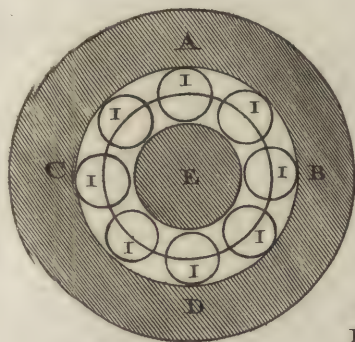


Fig. 88.

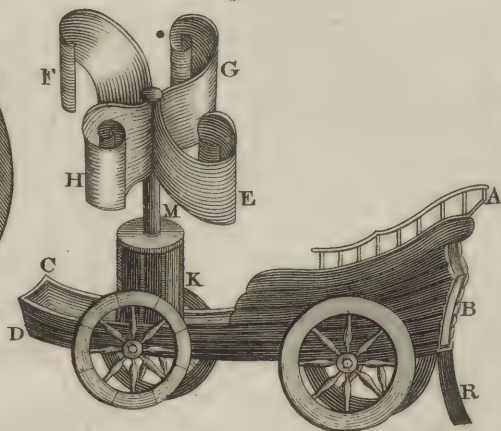


Fig. 87.

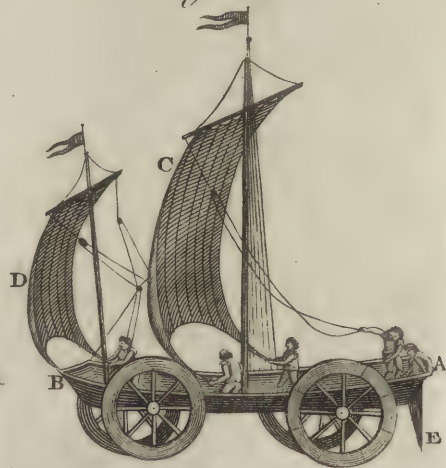


Fig. 89.

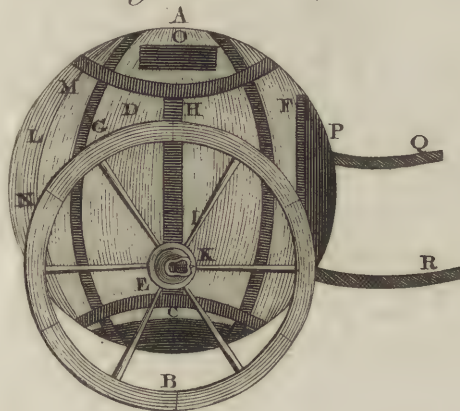
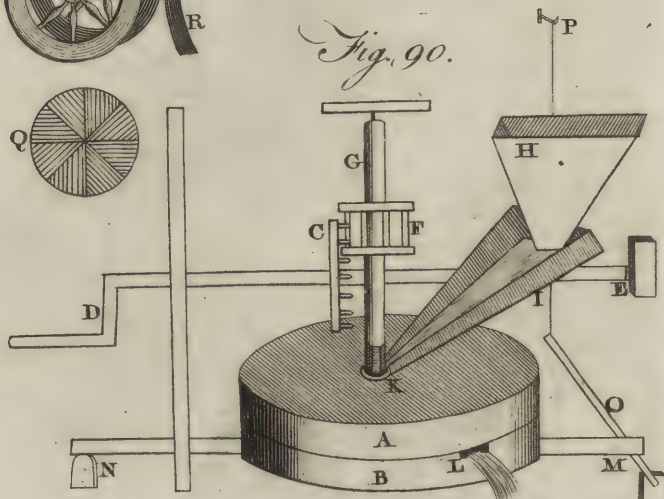


Fig. 90.



MECHANICS.

Plate CCLXXXIX.

Fig. 92.



Fig. 93.

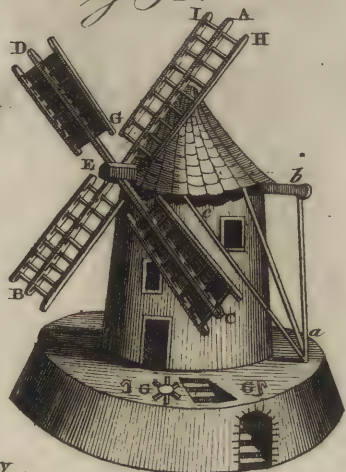


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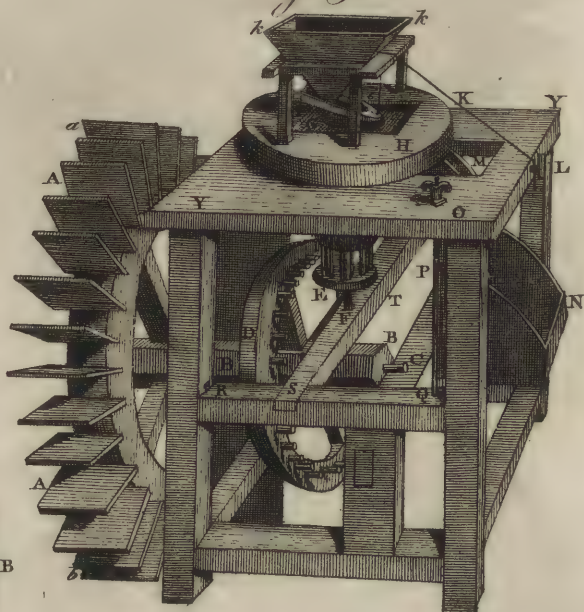


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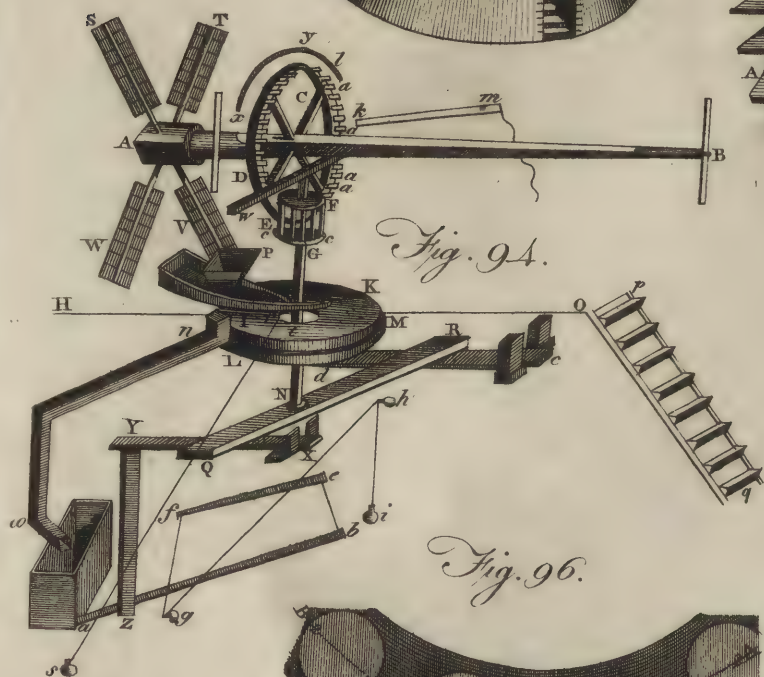
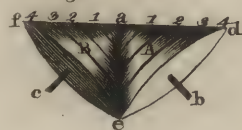


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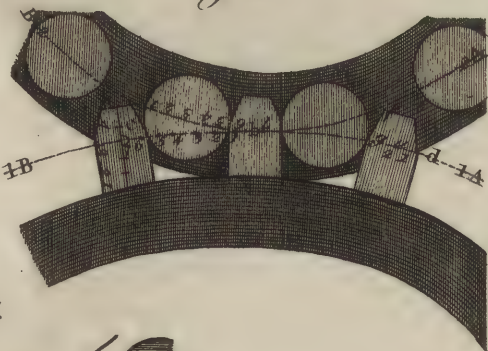


Fig. 100.

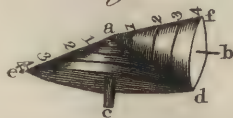


Fig. 97.

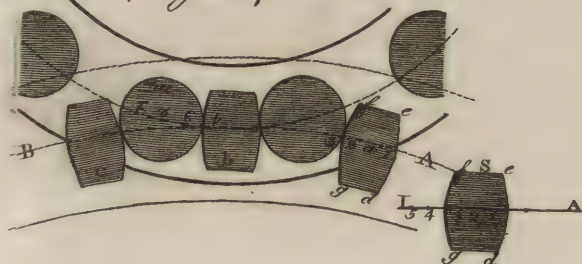


Fig. 95.

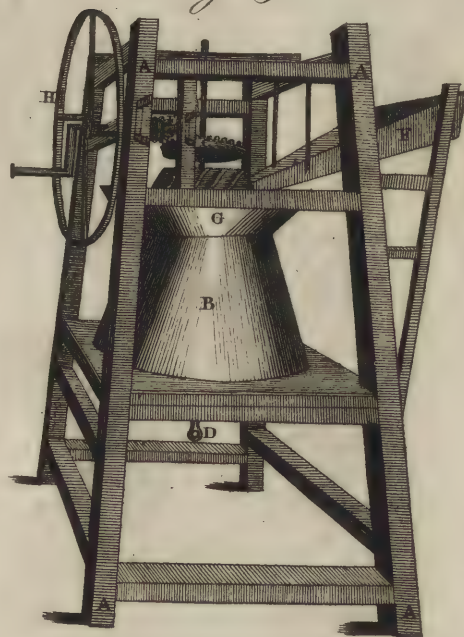
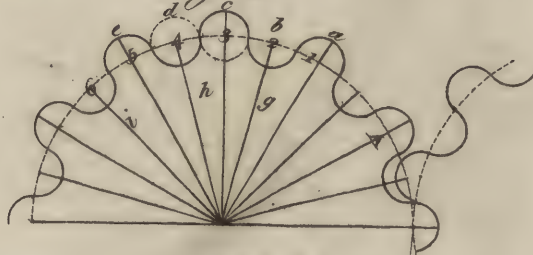
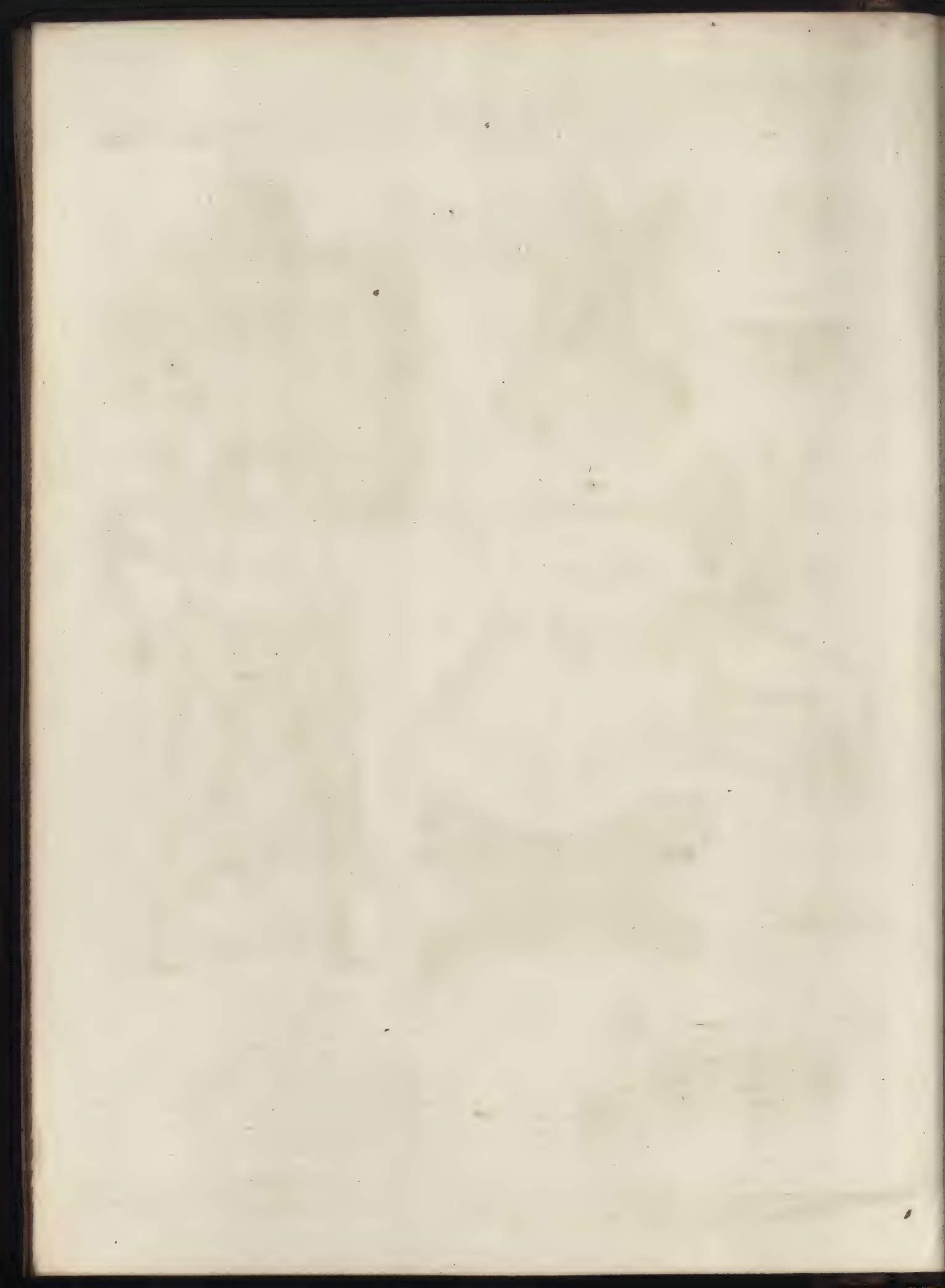


Fig. 98.



A. Bell Prin. Wad. Sculptor fecit.



MECHANICS.

Plate CCXC.

Fig. 101.

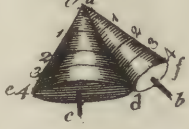


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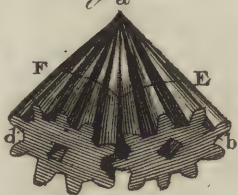


Fig. 103.

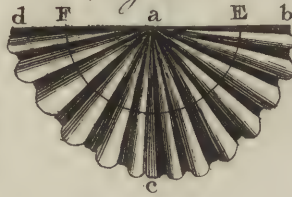


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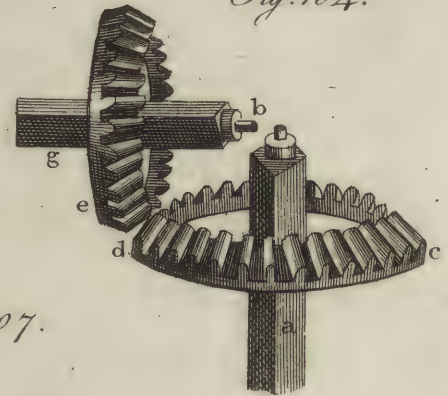


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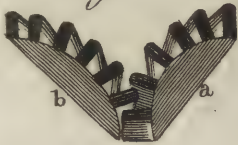


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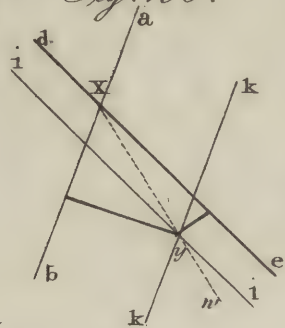


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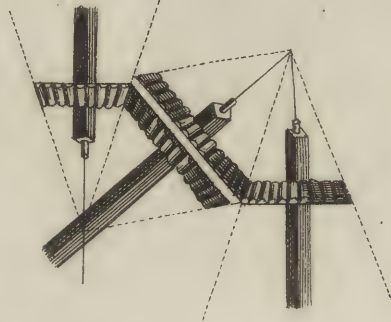


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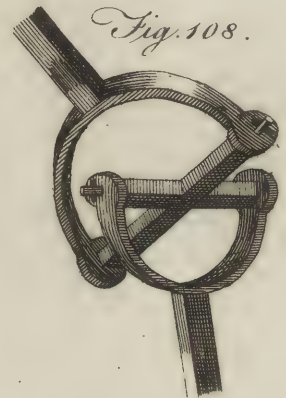


Fig. 109.

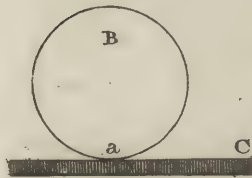


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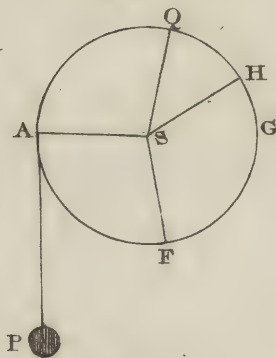


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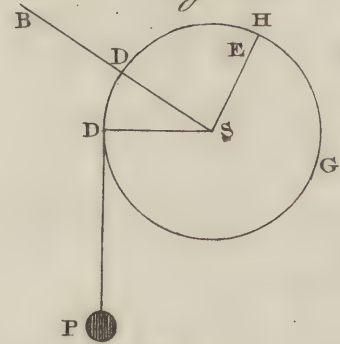


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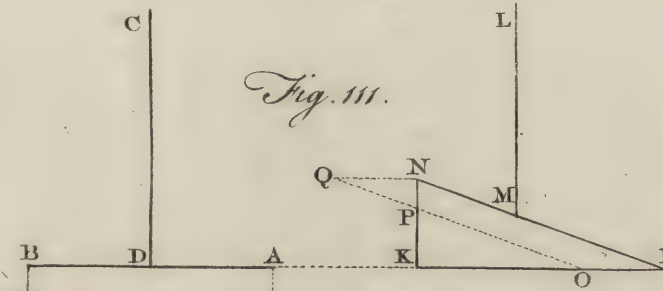


Fig. 114.

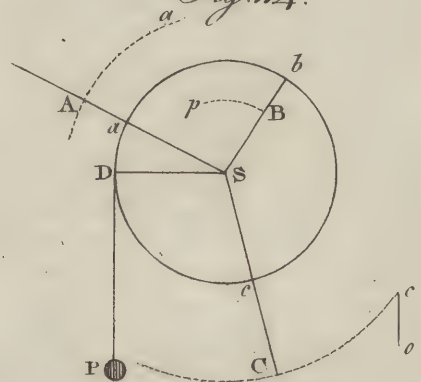
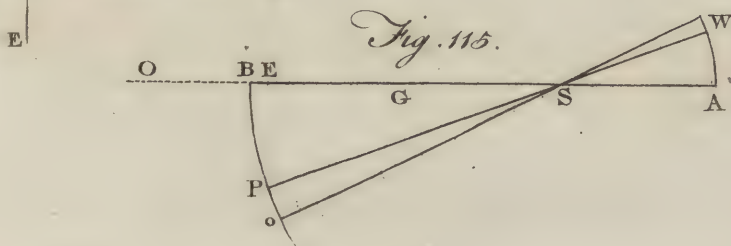


Fig. 115.



J. Bell Prin. & Sculptor fecit.



MECHANICS.

Plate CCXCI.

Fig. 118.

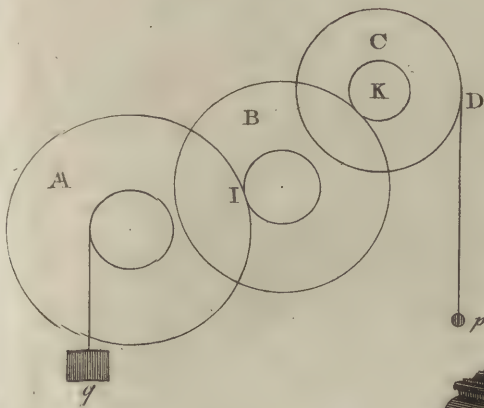


Fig. 125.

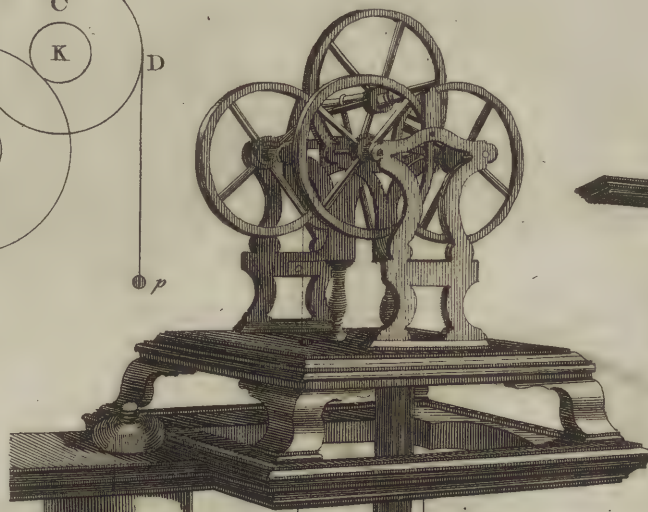


Fig. 120.

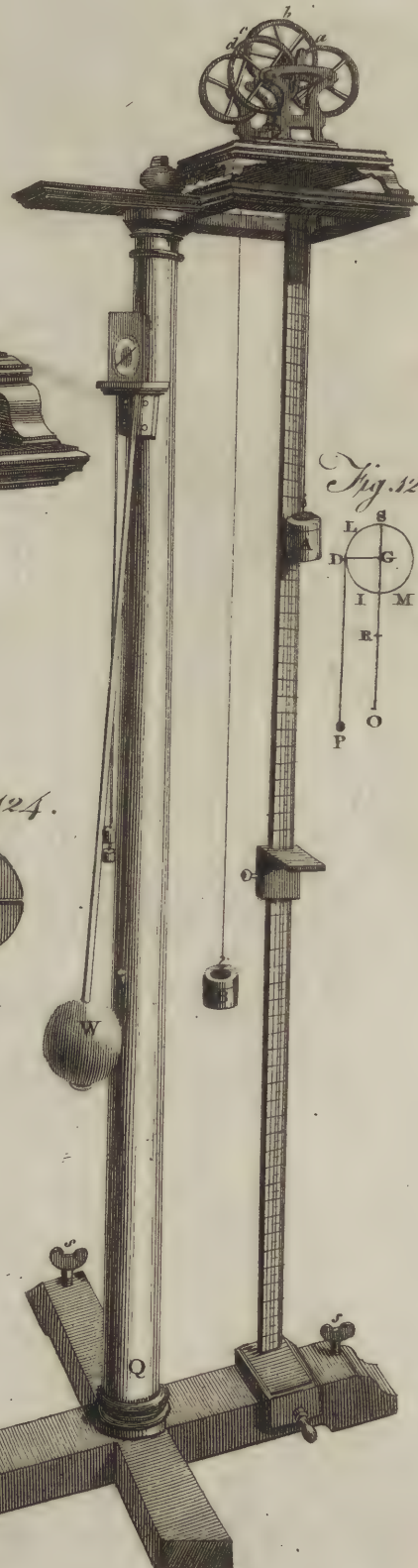


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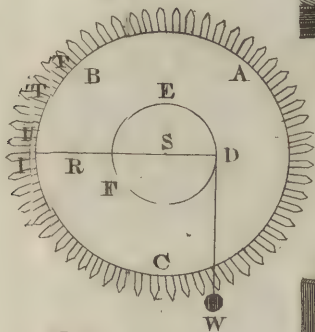


Fig. 121.



Fig. 122.

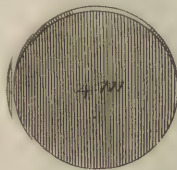


Fig. 124.



Fig. 117.

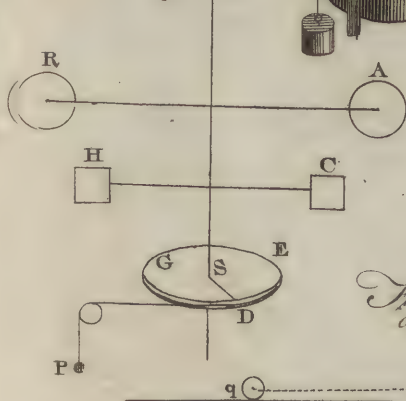
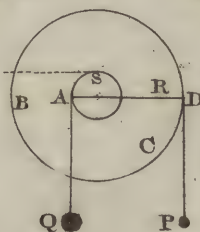


Fig. 123.



Fig. 116.

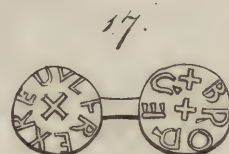
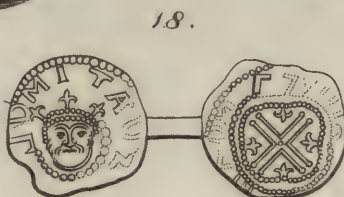
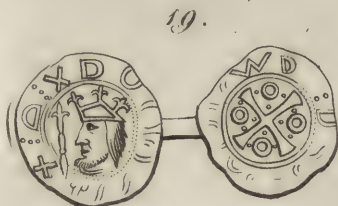
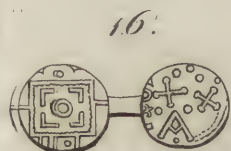
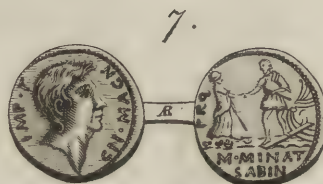
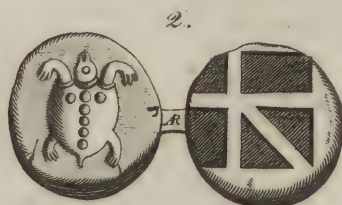


A. Bell Pin. Wal. Sculptor fecit.

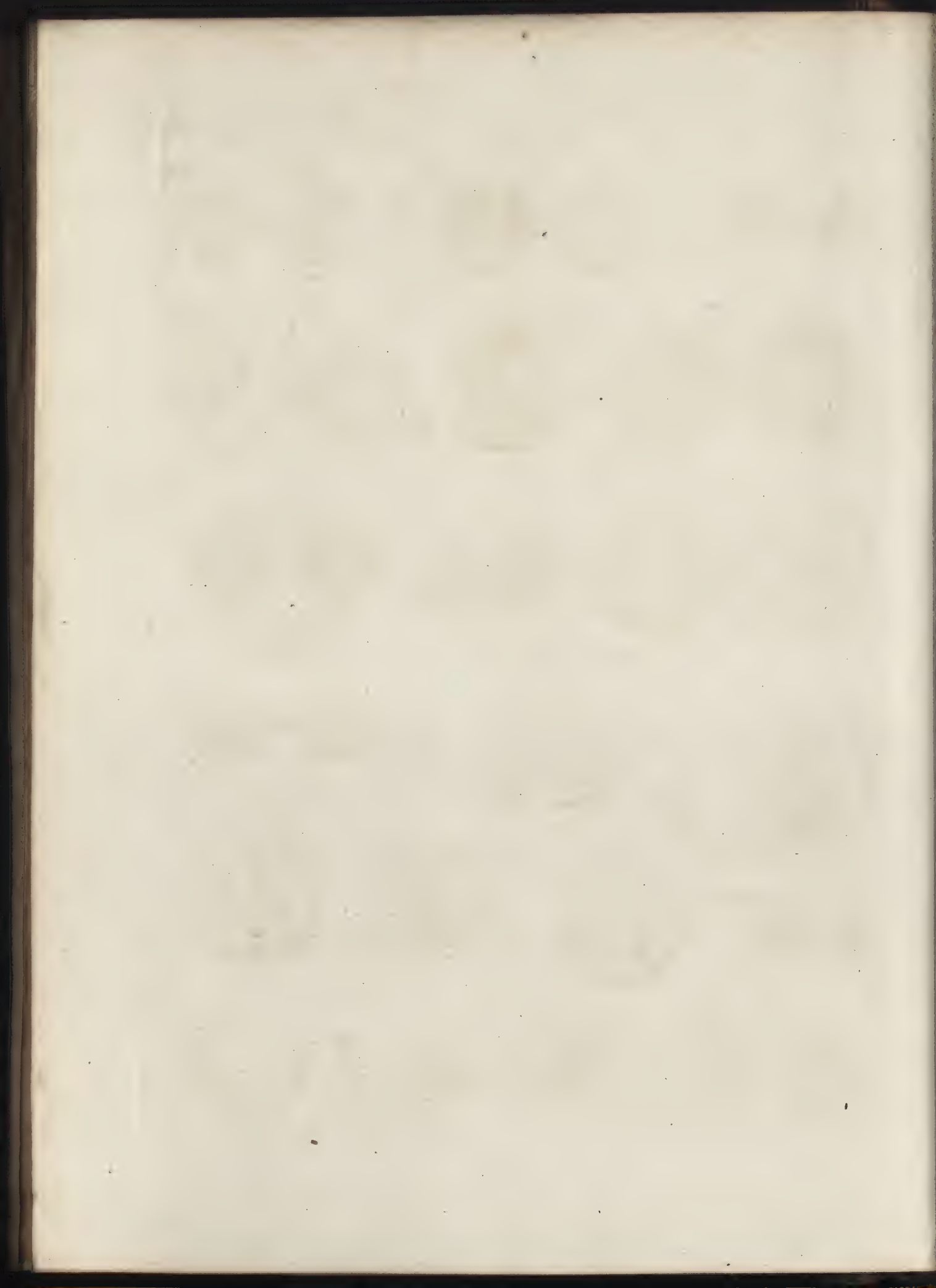


MEDALS.

Plate CCXCII.



A. Bell Pin. Wat. Sculptor. fecit.



MEDALS.

Plate CCXCIII.



27.

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M. M. N. H. H. P. M. S. I. Z. M.
 H. P. M. M. M. M. H. U.
 N. P. N. V. H. V. H. H.
 O. O. P. X. Q. Q. Q. Q. Q. Q. Q.
 P.
 R. R. R. R. R. R. R. R. A.
 S. V. V. V. S. Z. Z. E. S.
 T. T. T.
 V. V. Y. H. U. U. Y.
 W. W. P. Y. Y. E. P. P. P. Y.
 X. +. V. X. X. +. X.
 Y. Y. F. T. Y.

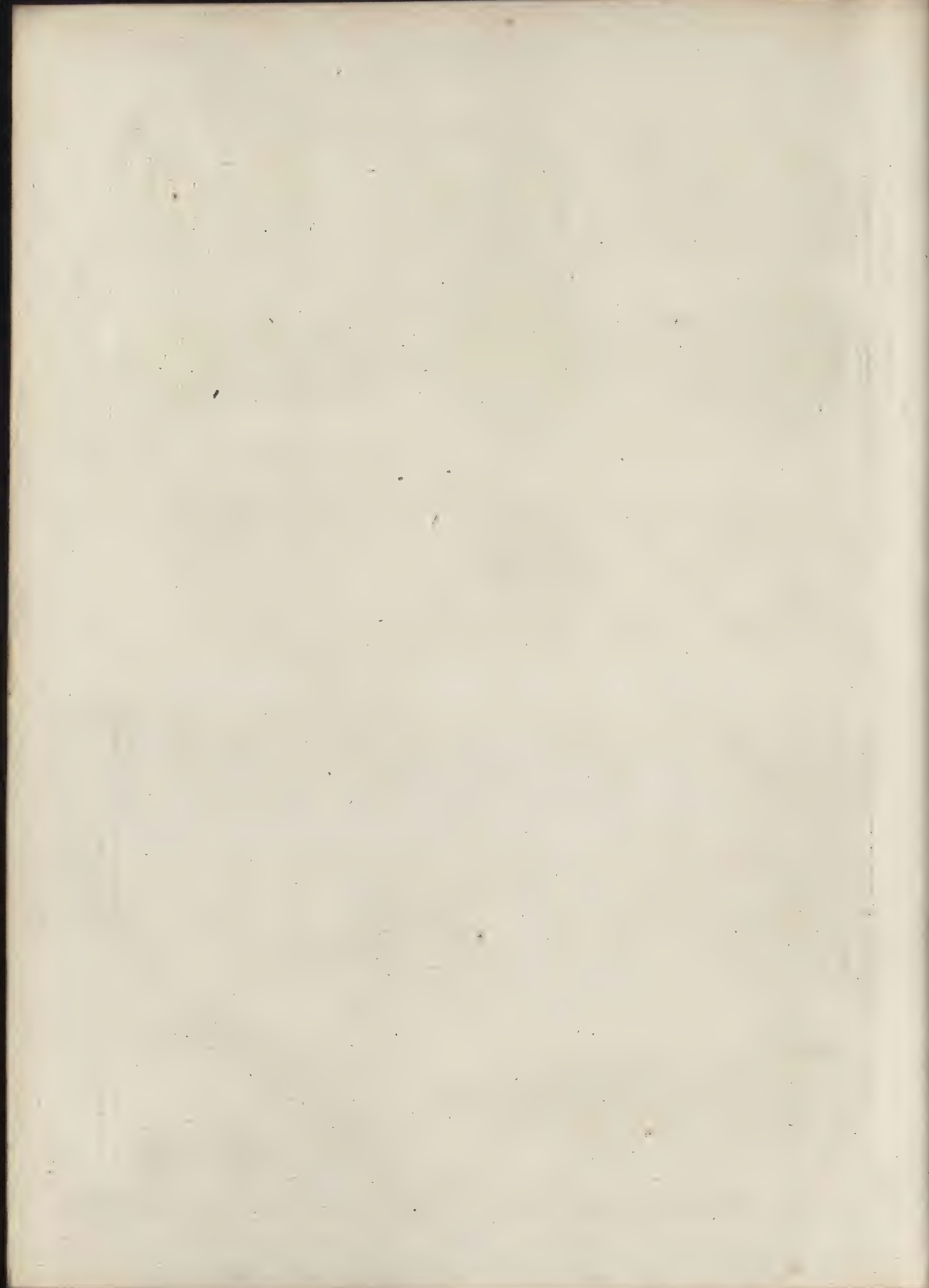
28

Æ. Æ. Æ. Æ.
 CR. R.
 DR. Q.
 HE. H.
 MAE ME.
 MO. O. O.

RUM. X.
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 4. J. P.
 THB. B.

29.

NG. N.
 NW. N.
 REX. R.

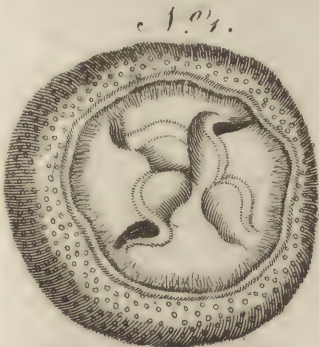
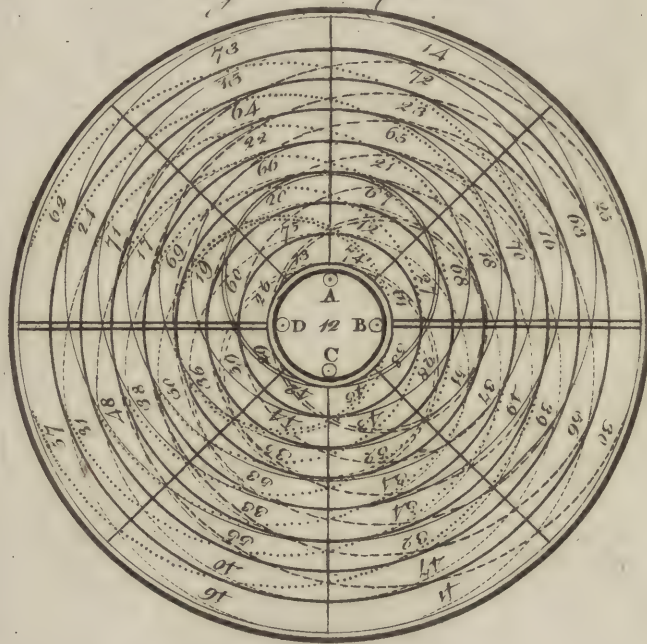


Magic Square of Squares.

Plate CCXCIV.

Magic Circle of Circles.

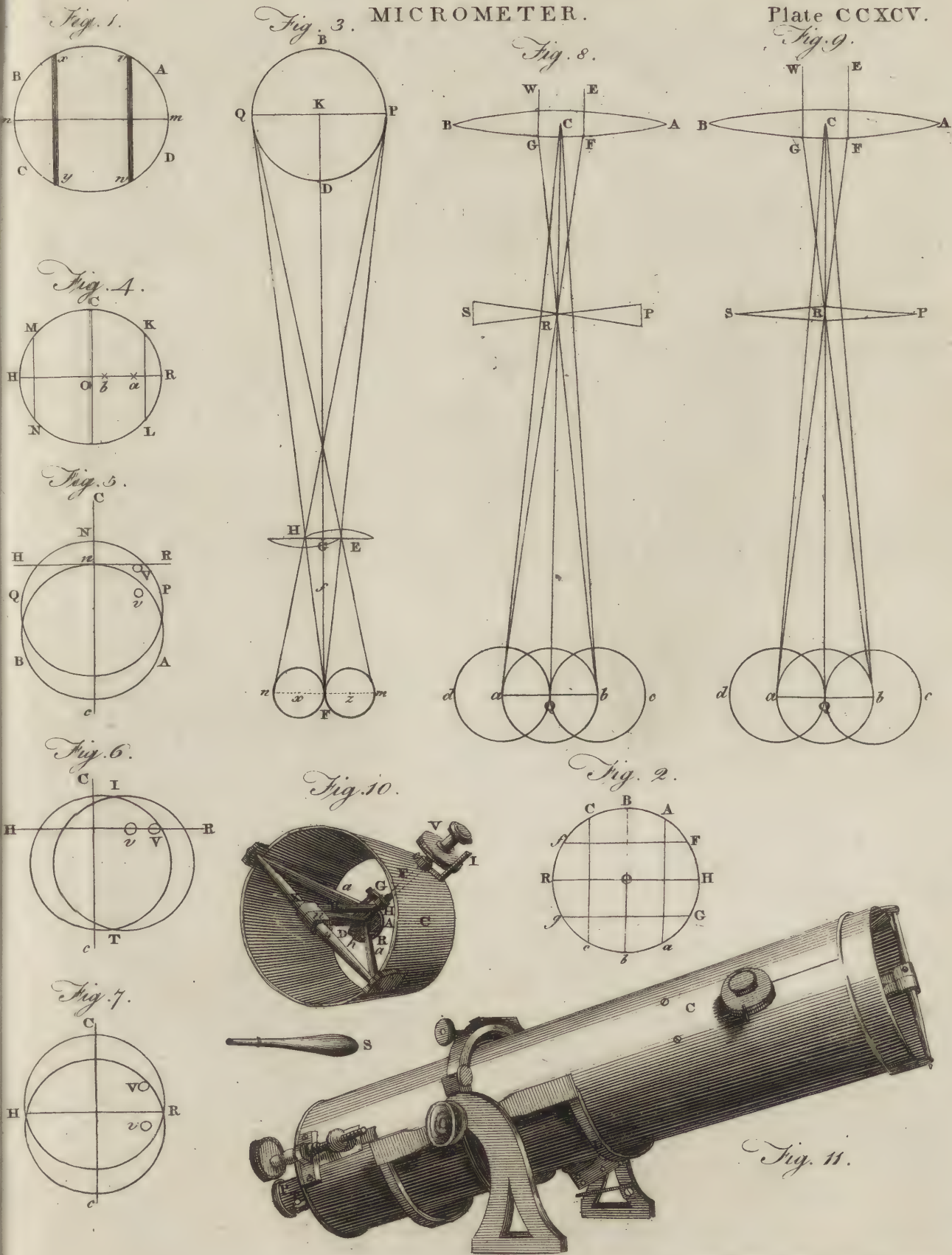
200	217	232	249	8	25	40	57	72	89	104	121	136	153	168	181
68	39	26	7	230	231	218	199	180	167	154	138	122	103	90	71
198	219	230	251	6	27	38	59	70	91	102	123	134	155	166	187
60	37	28	5	232	220	220	197	188	165	156	133	124	101	92	69
201	216	233	248	9	24	41	56	73	88	105	120	137	152	169	184
55	42	23	10	247	244	245	202	183	170	151	138	119	106	87	74
203	241	235	246	11	22	43	54	75	86	107	118	139	150	171	182
53	44	21	12	245	250	243	204	184	172	149	140	117	108	85	76
205	242	237	244	13	20	45	52	77	84	109	116	141	148	173	180
51	46	19	14	243	258	241	206	170	174	147	132	115	110	83	78
207	240	239	242	15	18	47	50	79	82	111	114	143	140	175	178
49	48	17	16	241	240	209	208	177	170	145	144	142	142	81	80
196	231	238	253	4	29	36	61	68	93	100	125	132	157	164	189
62	35	30	3	251	227	222	195	190	163	158	131	126	99	94	67
194	233	226	255	2	31	34	63	66	95	98	127	130	159	162	191
64	33	32	1	256	225	224	193	192	161	160	129	128	97	96	65





MICROMETER.

Plate CCXCV.



J. Bell, Pin. Mad. Sculptor fecit.



MICROMETER.

Plate CCXCVI.

Fig. 12.

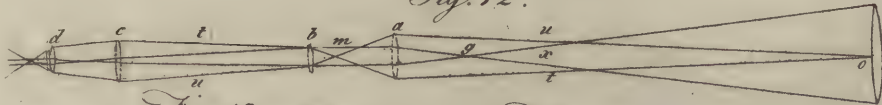


Fig. 13.

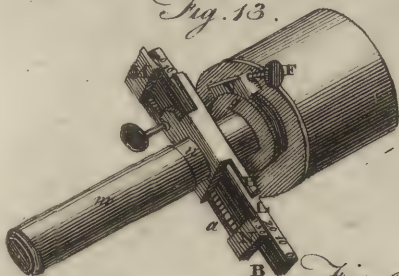


Fig. 23.



Fig. 15.

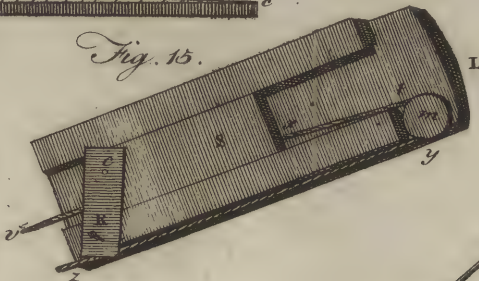


Fig. 22.



Fig. 25.

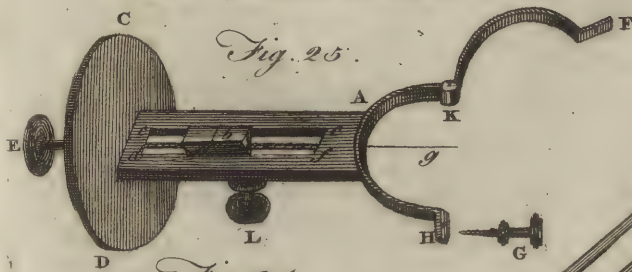


Fig. 24.

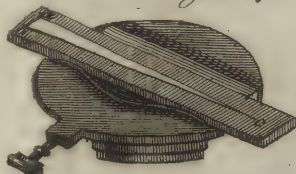


Fig. 20.

Fig. 18.



Fig. 14.

Fig. 16.

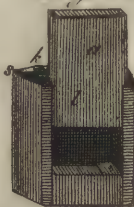


Fig. 17.



Fig. 19.

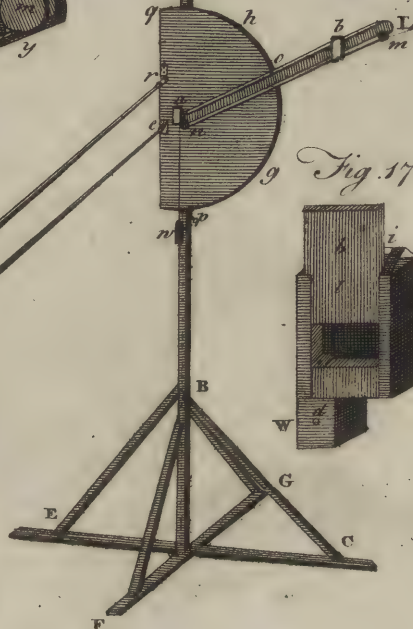
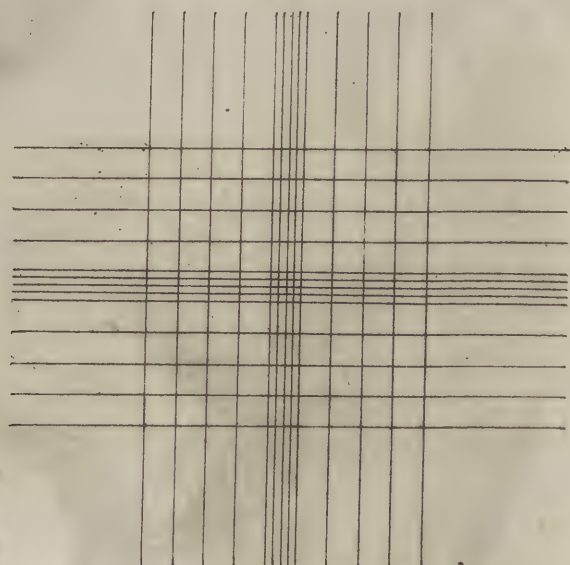


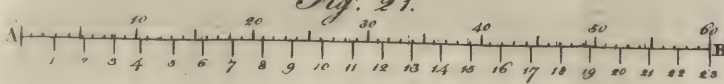
Fig. 26.



W. Ball, Prin. W. & A. Chapman, fecit.

SACT
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Fig. 21.





MICROSCOPE.

Plate CCXCVII.

Fig. 1.

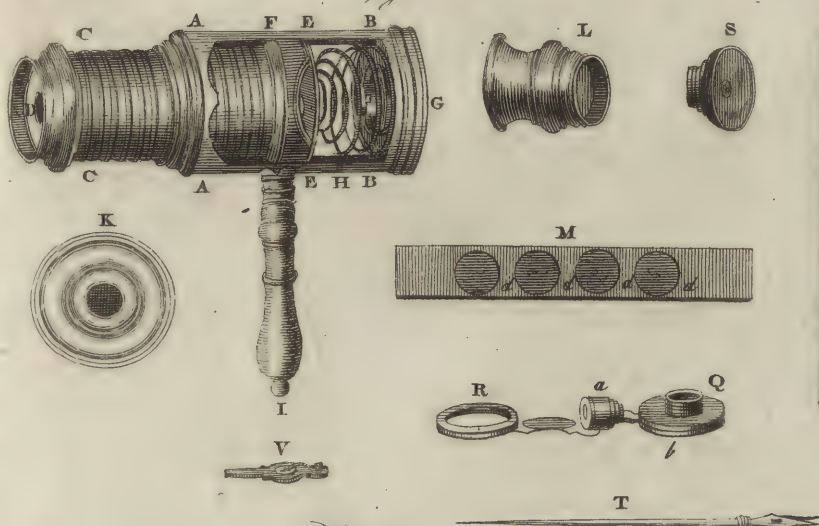


Fig. 2.

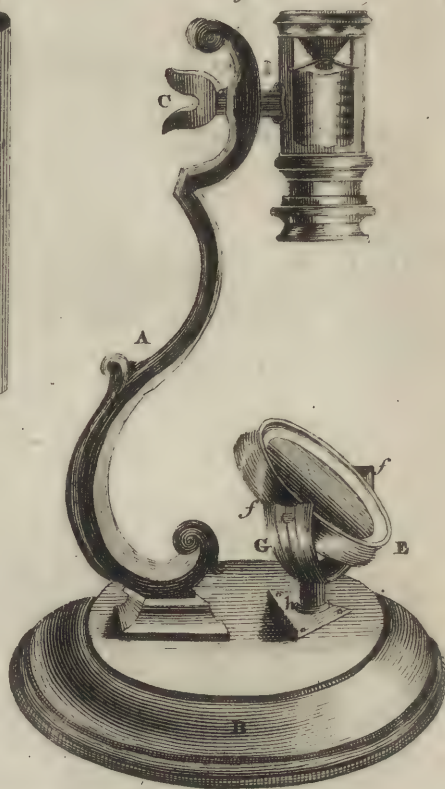


Fig. 7.



Fig. 3.

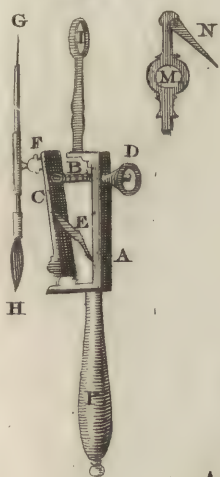


Fig. 4.

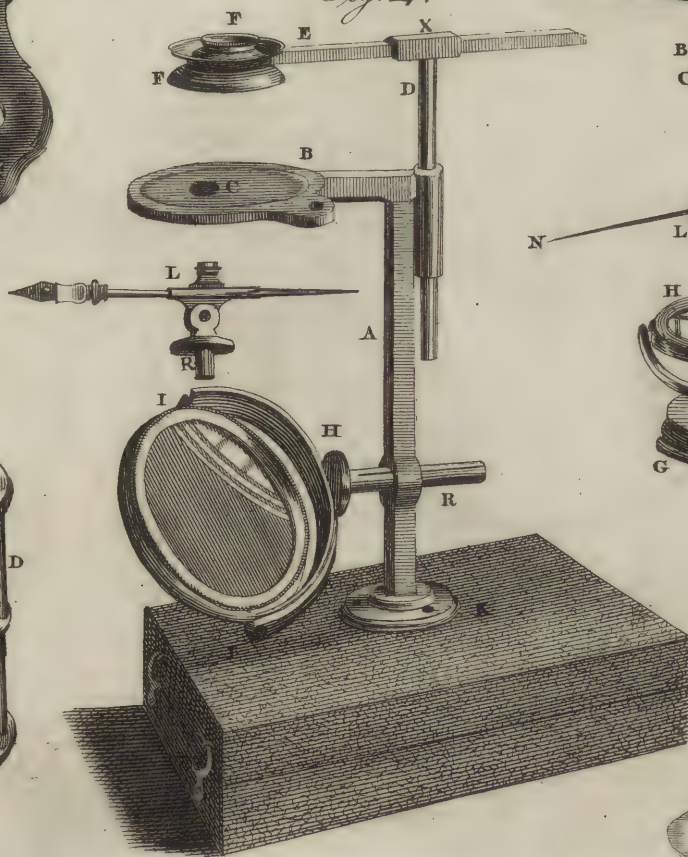


Fig. 5.

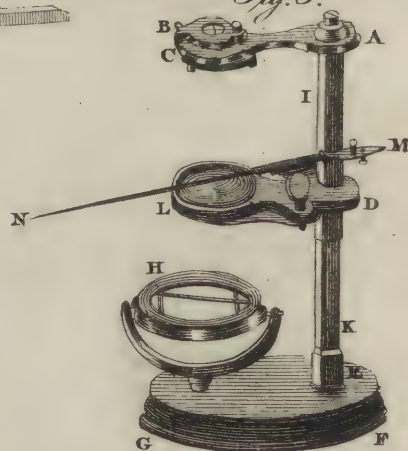
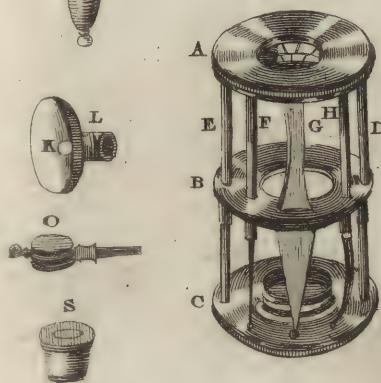
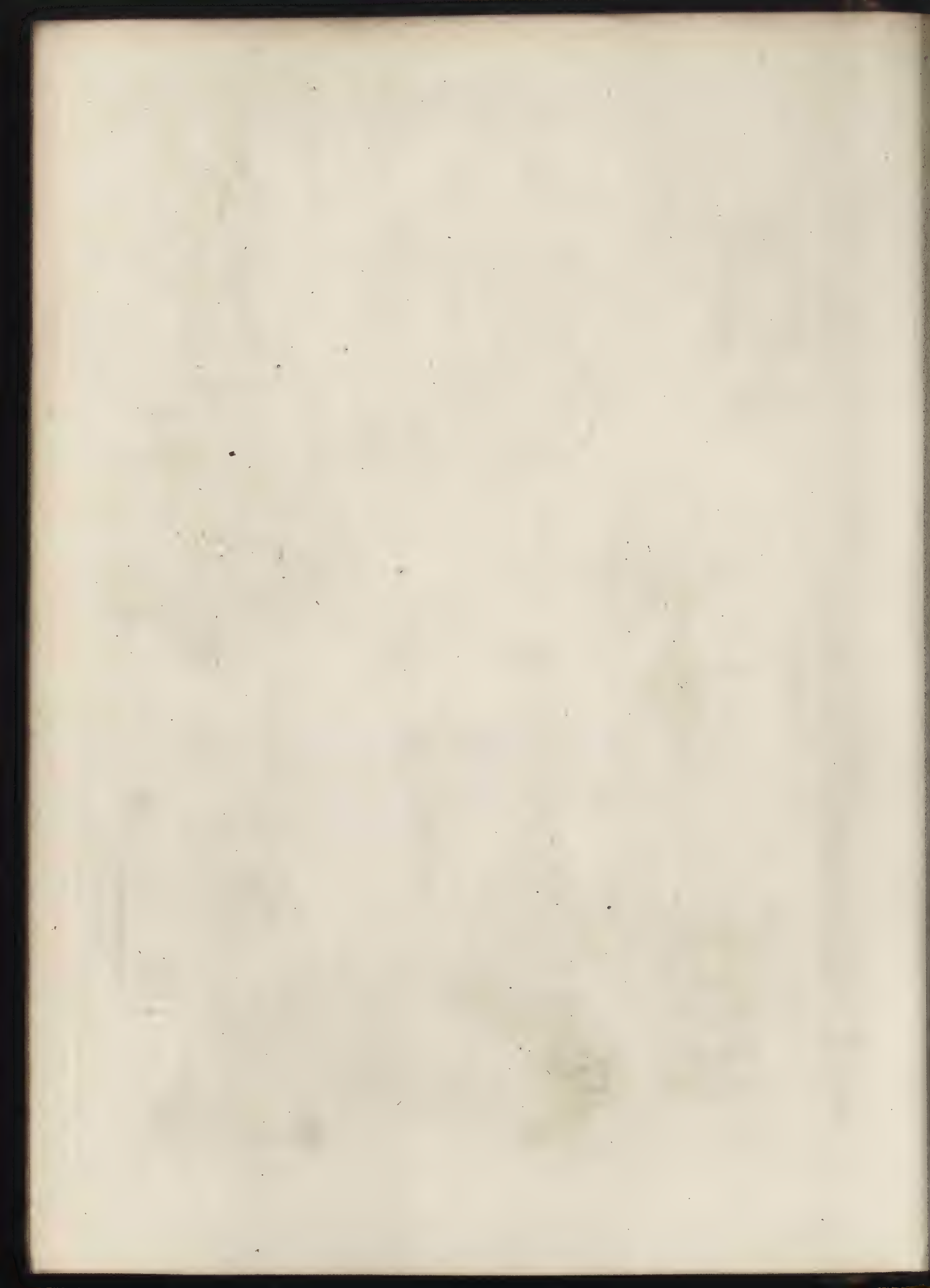


Fig. 6.



At Bell's Pin. Water Sculptor, feet.



MICROSCOPE.

Plate CCXCVIII.

Fig. 8.

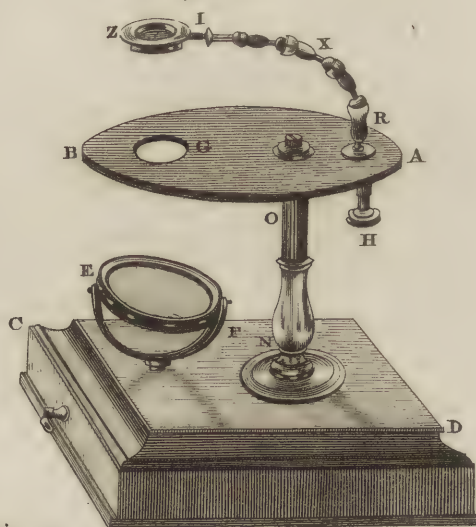
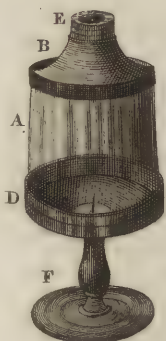


Fig. 11.



Fig. 10.

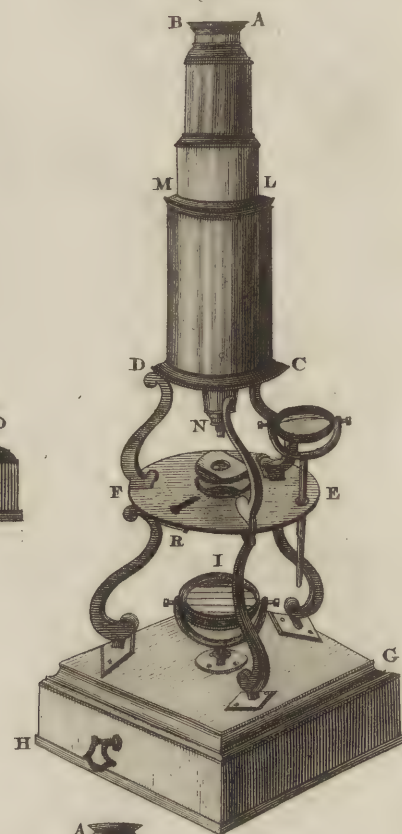
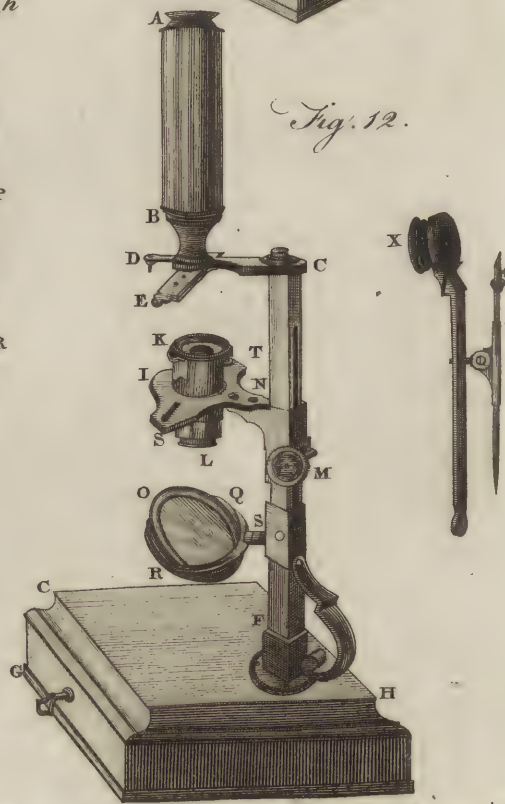


Fig. 12.



J. Bell Pin. M. & S. Sculptor fecit.



MICROSCOPE.

Plate CCXCIX.

Fig. 13.

Fig. 14.

No. 1.

14

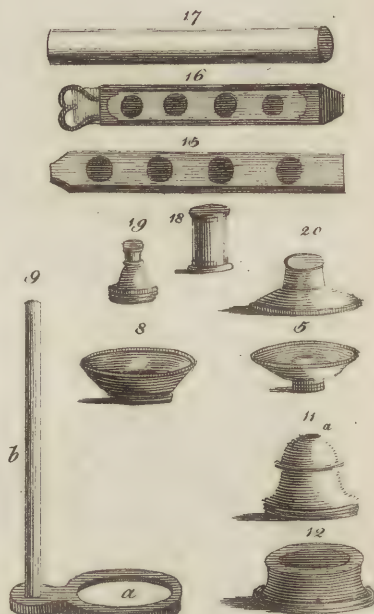
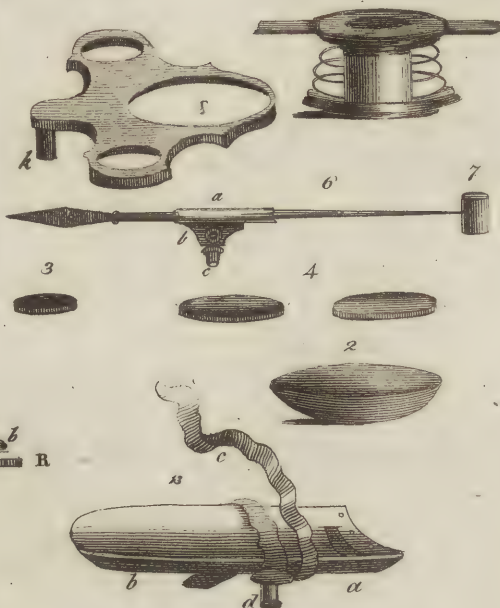
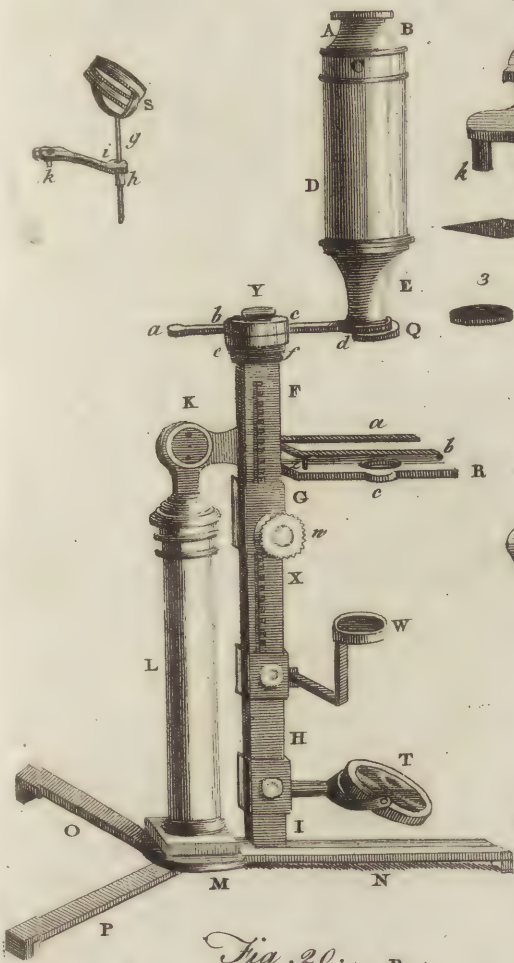


Fig. 16.

Fig. 17.

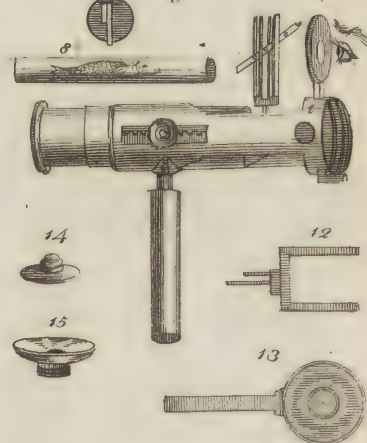
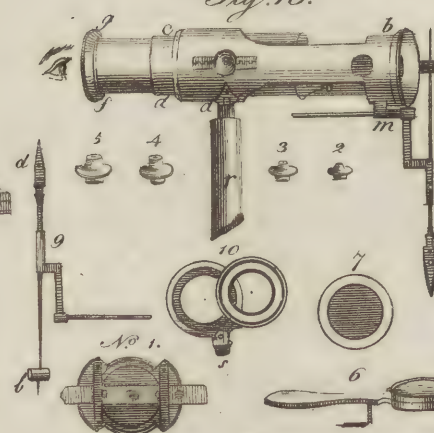
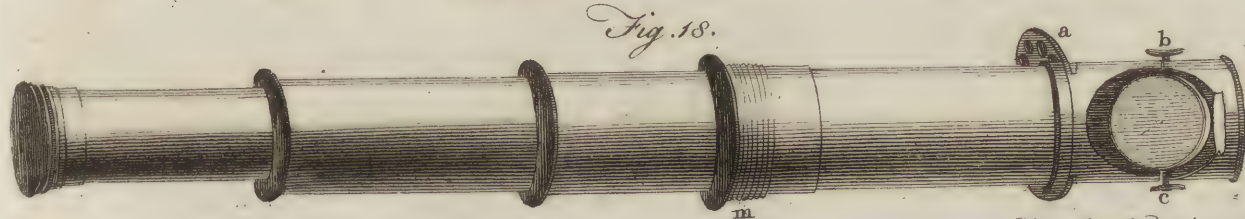
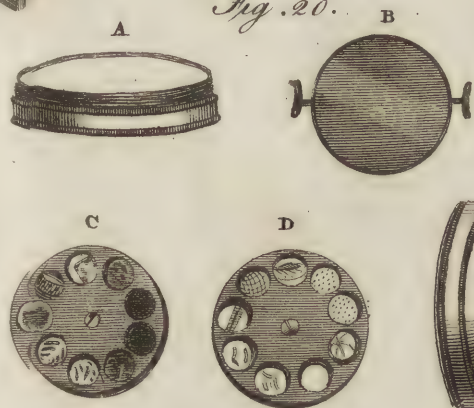


Fig. 20.

Fig. 19.

Fig. 15.



A. Bell, Pin. M. & Sculptor, fecit.



MICROSCOPE .

Plate CCC.

Fig. 25.

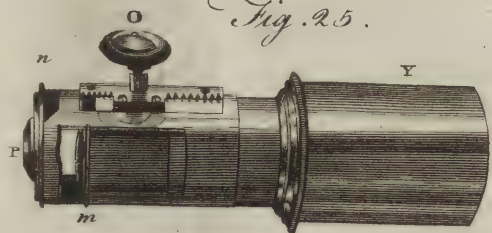


Fig. 21.

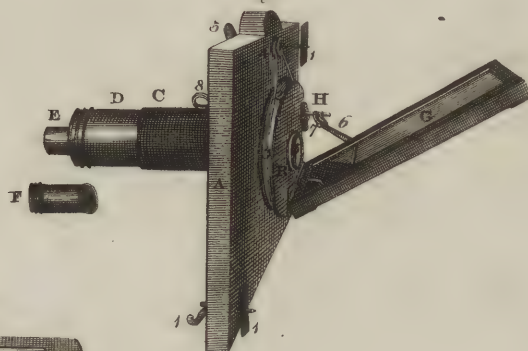


Fig. 23.

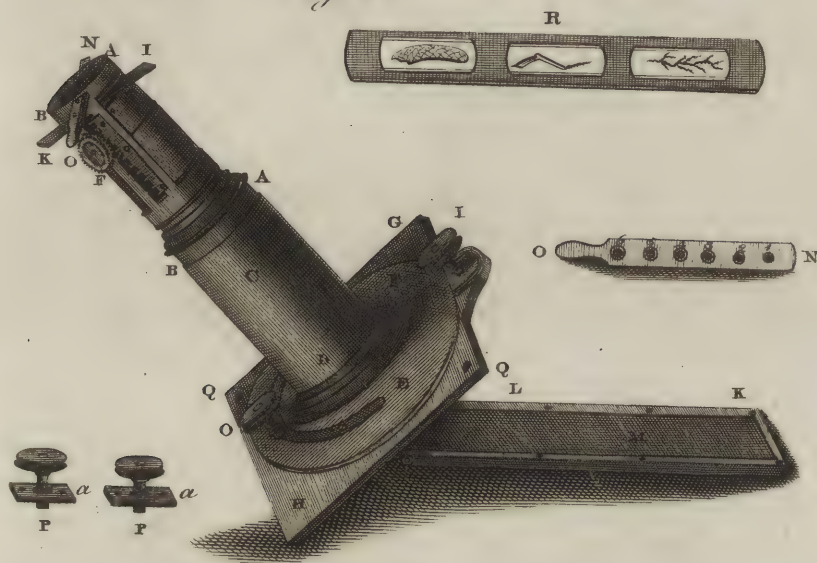


Fig. 22.

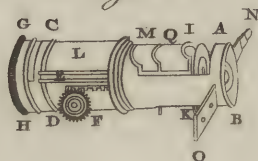
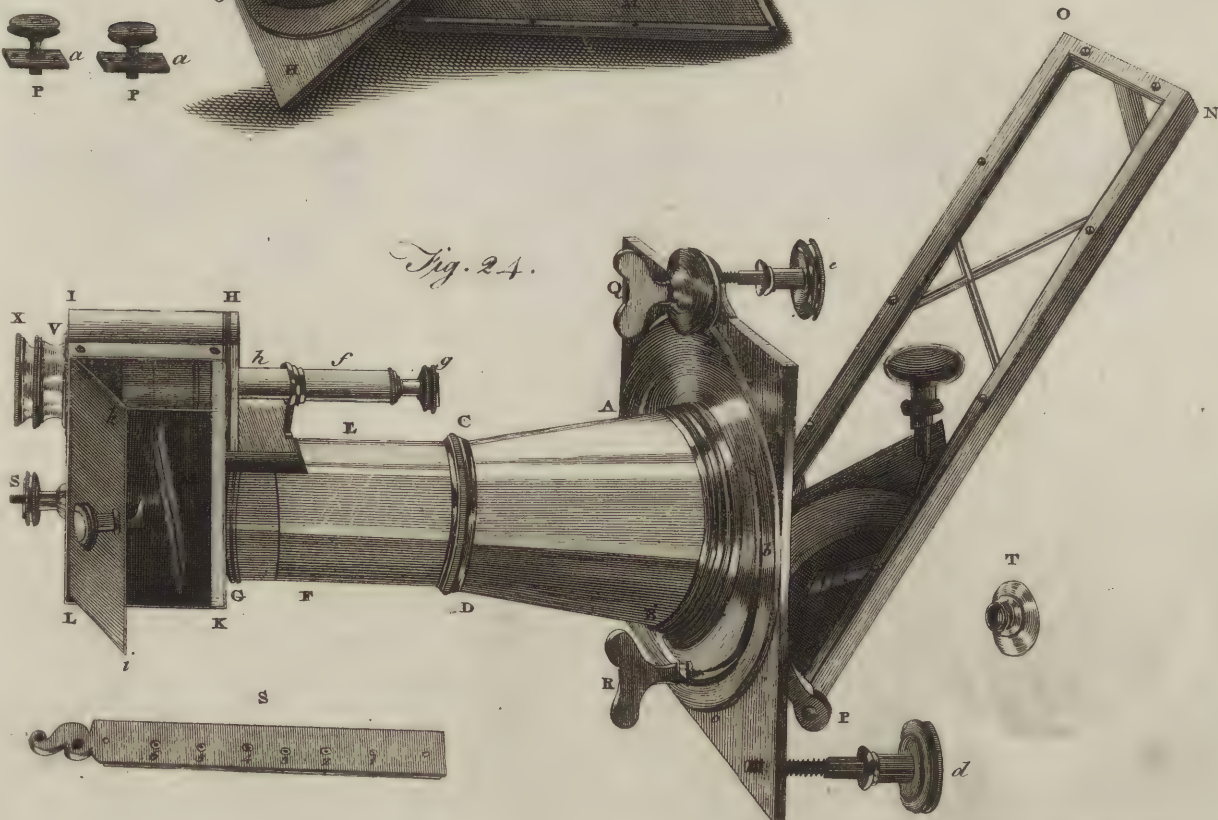


Fig. 24.



A. Bell Prin. W. A. P. Sculptor. fecit.

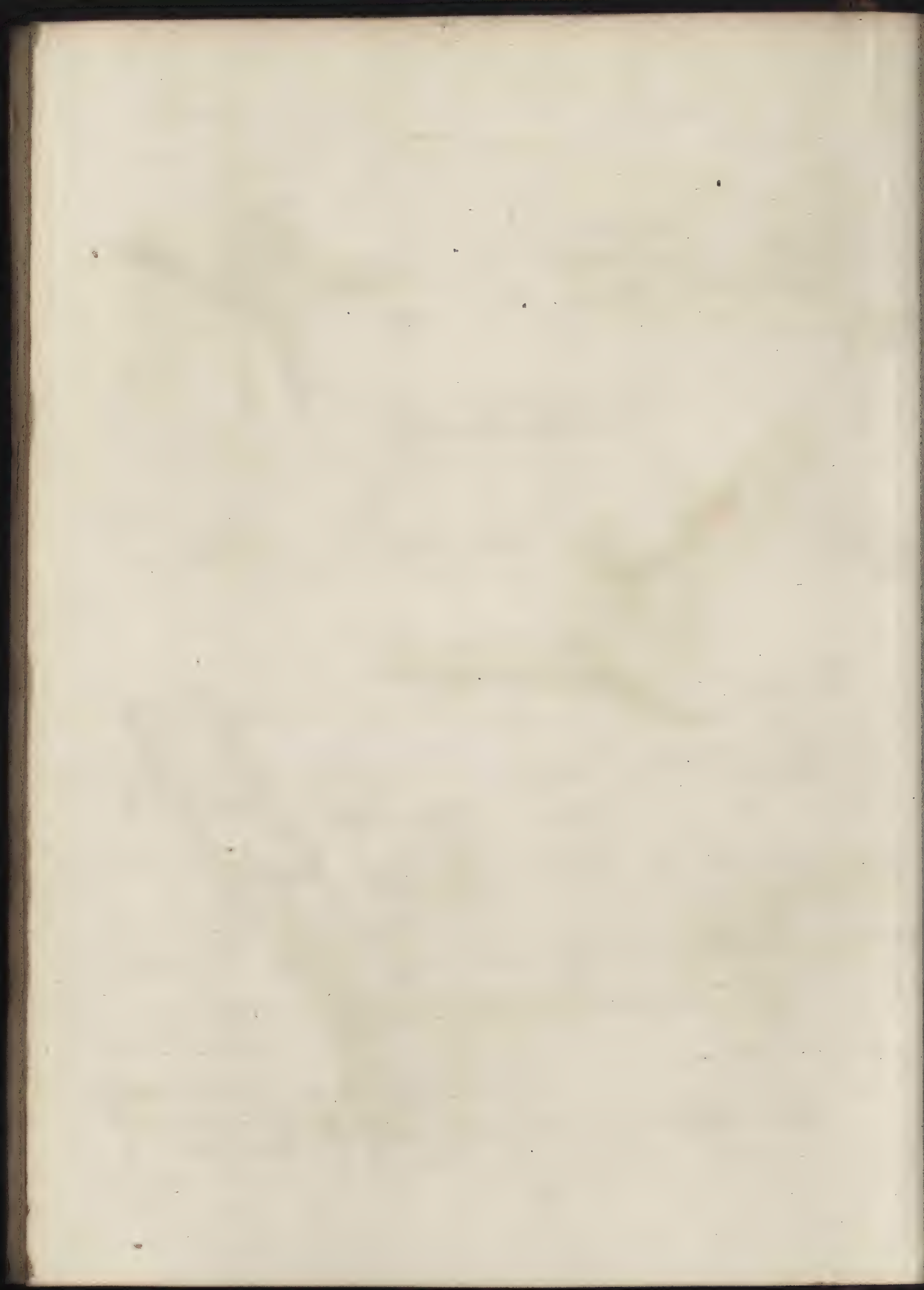


Fig. 26.

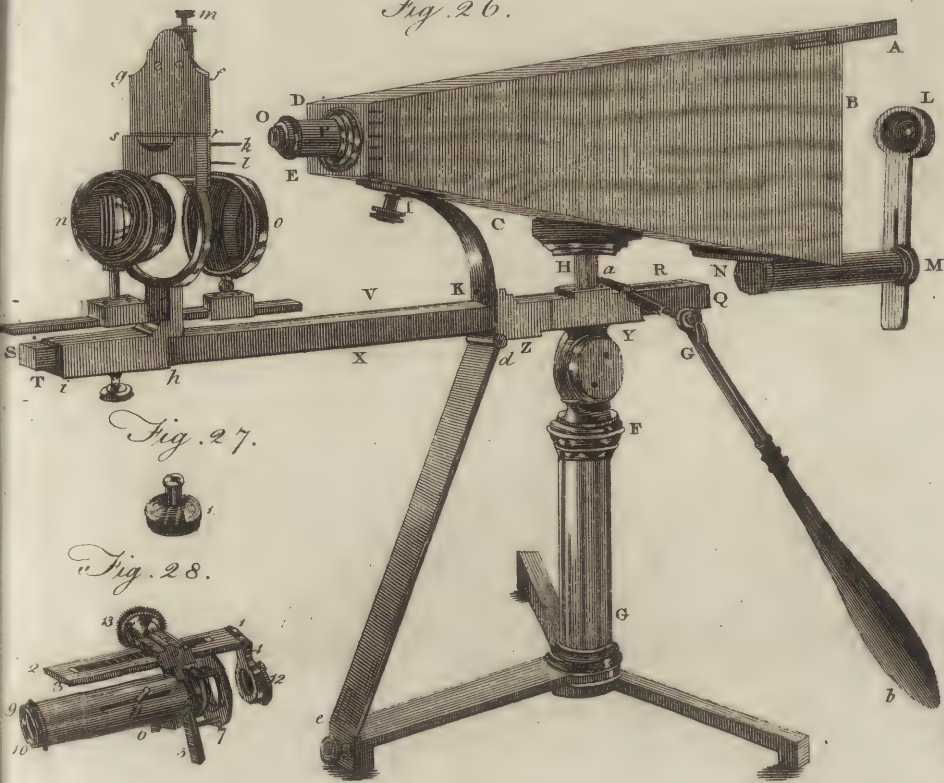


Fig. 29.

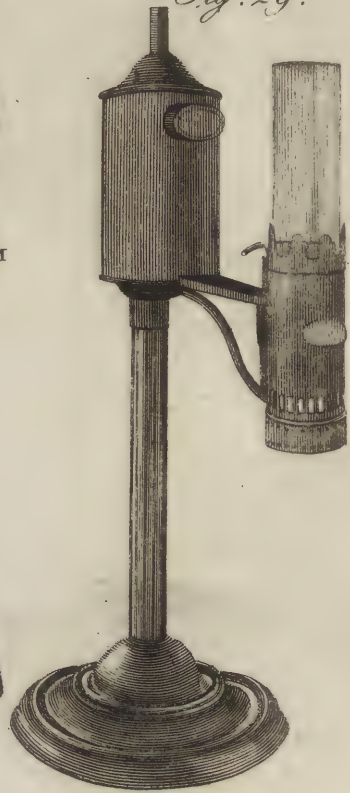


Fig. 27.



Fig. 28.

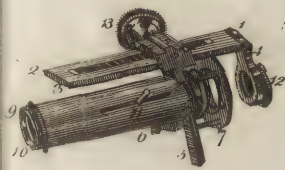


Fig. 30.

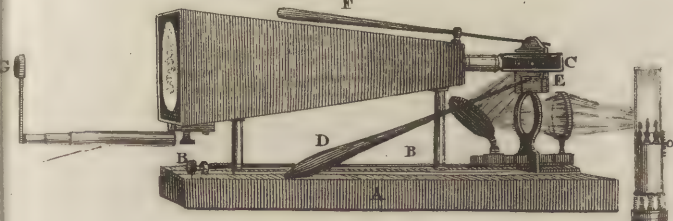
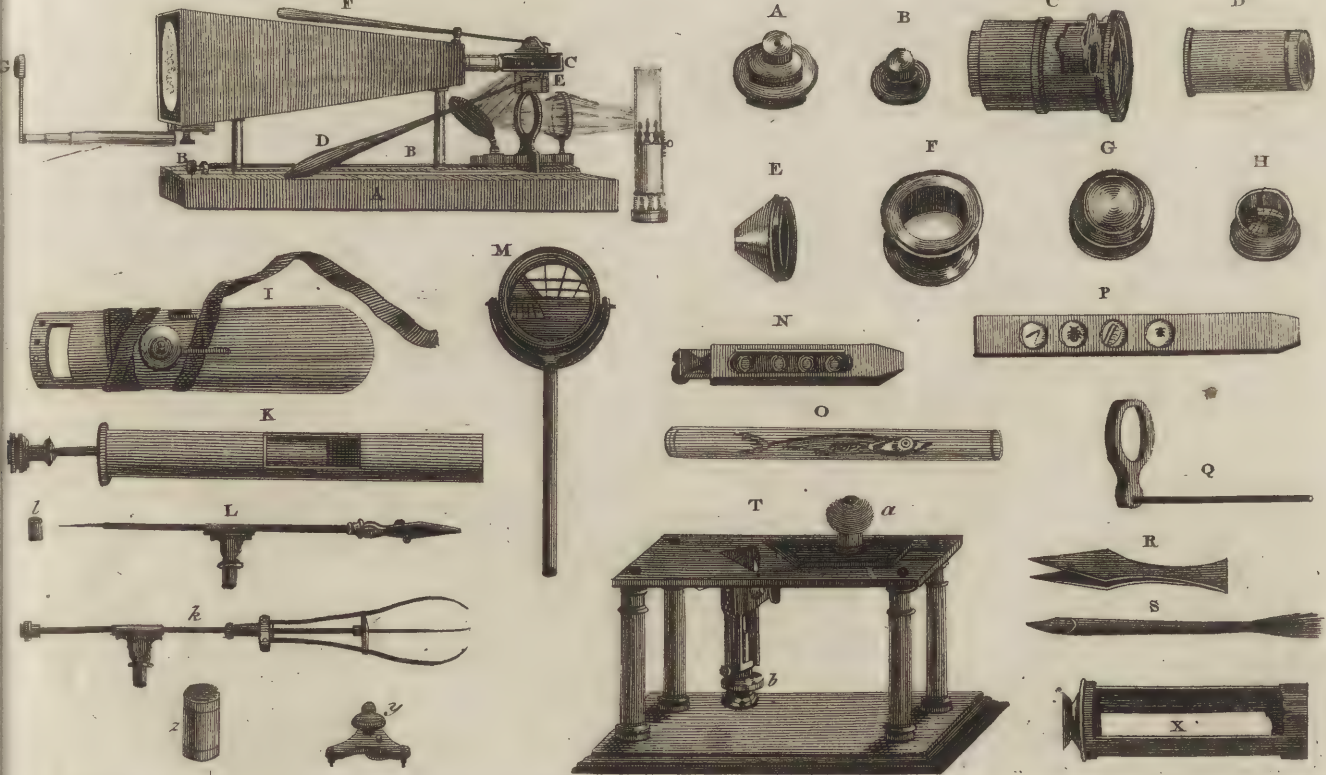


Fig. 31.



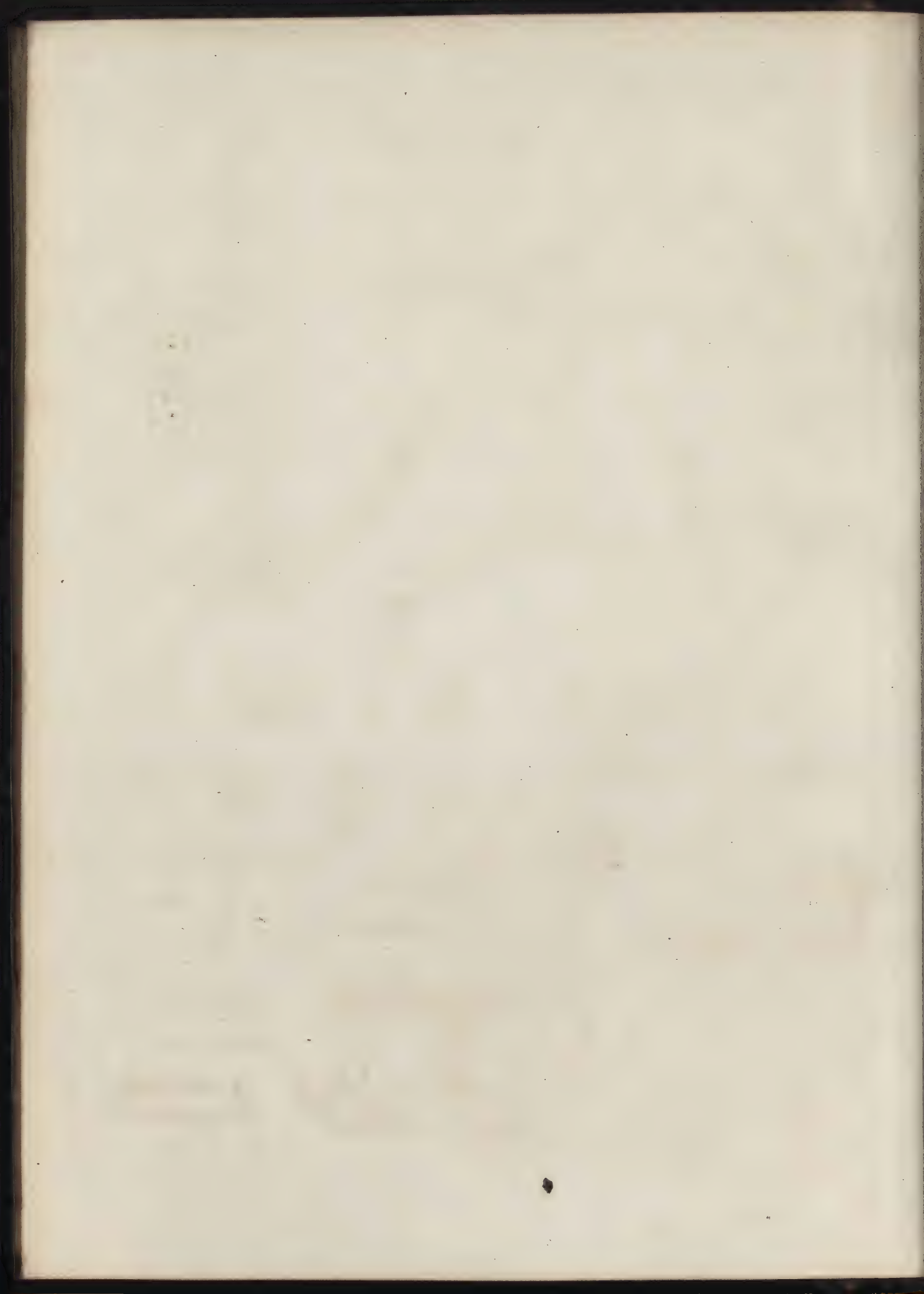


Fig. 38.



Fig. 33. Fig. 32.

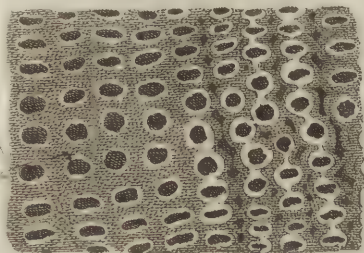


Fig. 35.

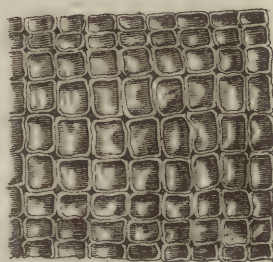


Fig. 36.



Fig. 37.

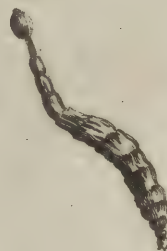


Fig. 39.



Fig. 40.



Fig. 41.



Fig. 34.



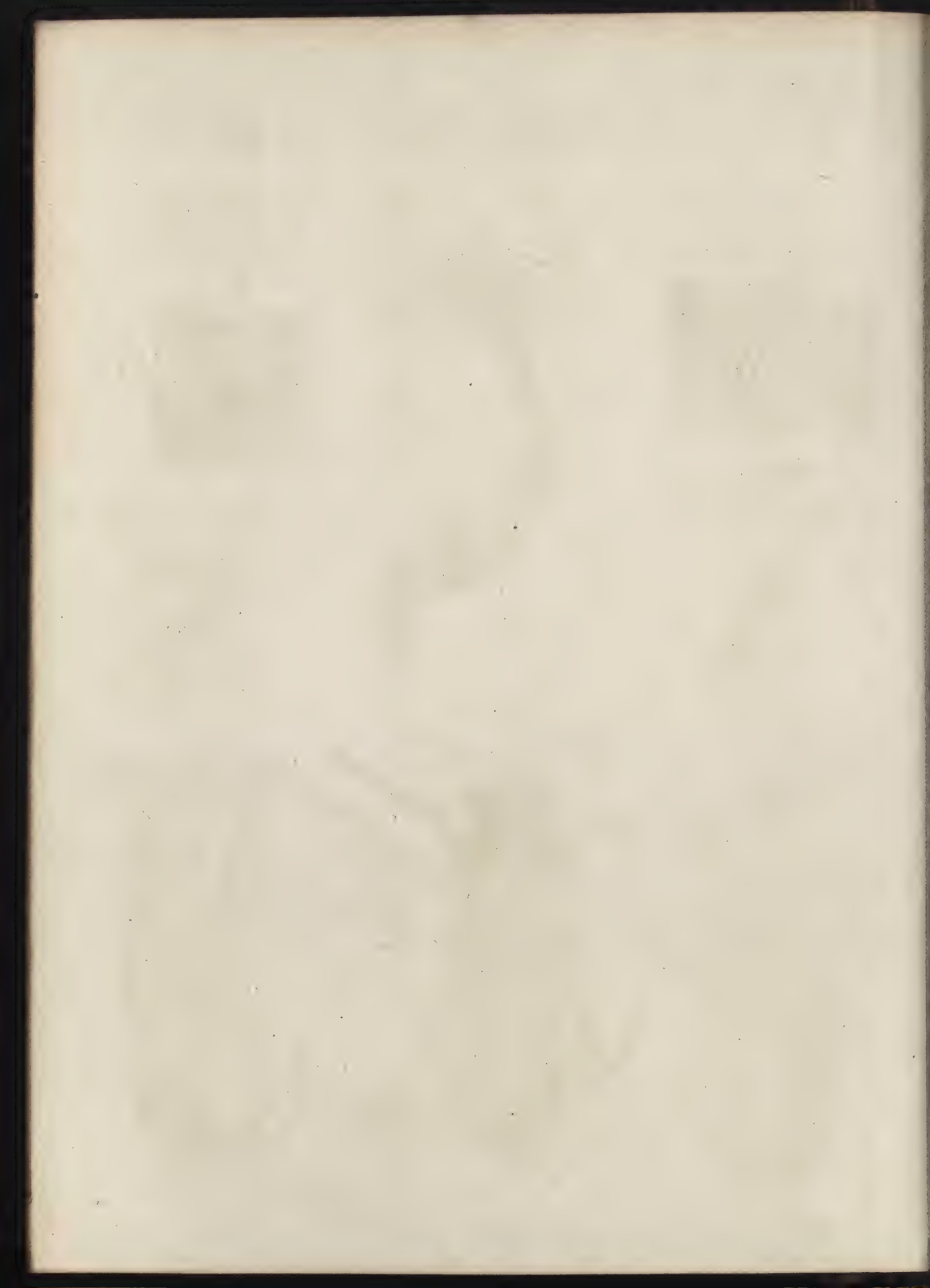


Fig. 54.

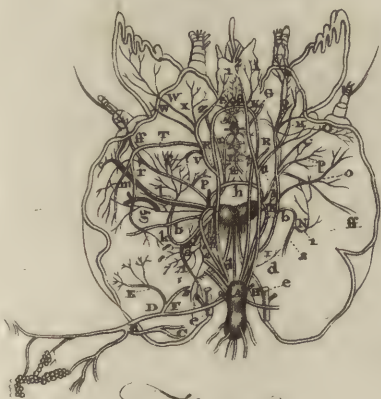


Fig. 40.



Fig. 42.

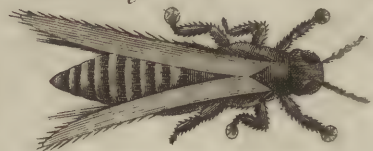


Fig. 43.

Fig. 44.

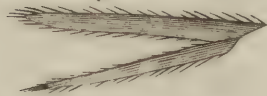


Fig. 53.

Fig. 52.



Fig. 45.



Fig. 47.



Fig. 48.

Fig. 49.

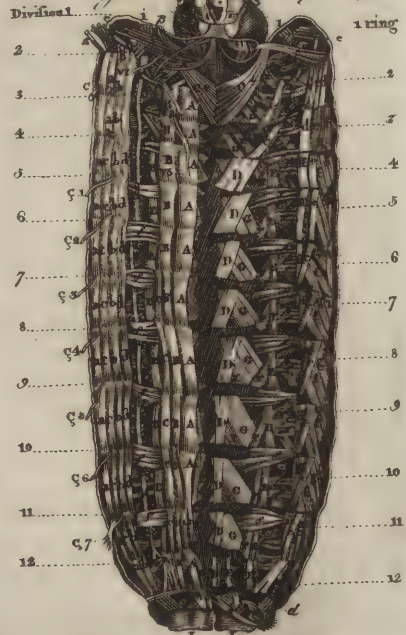
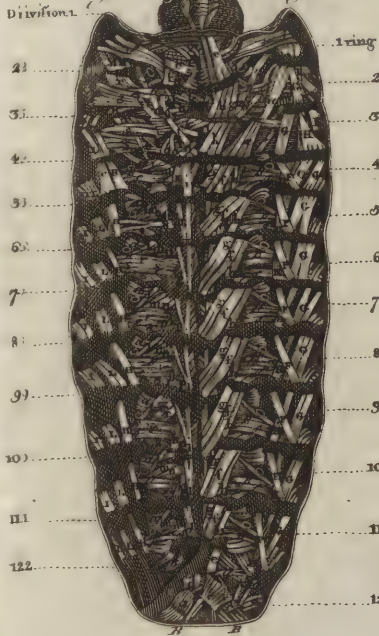


Fig. 51. *Fig. 50.*



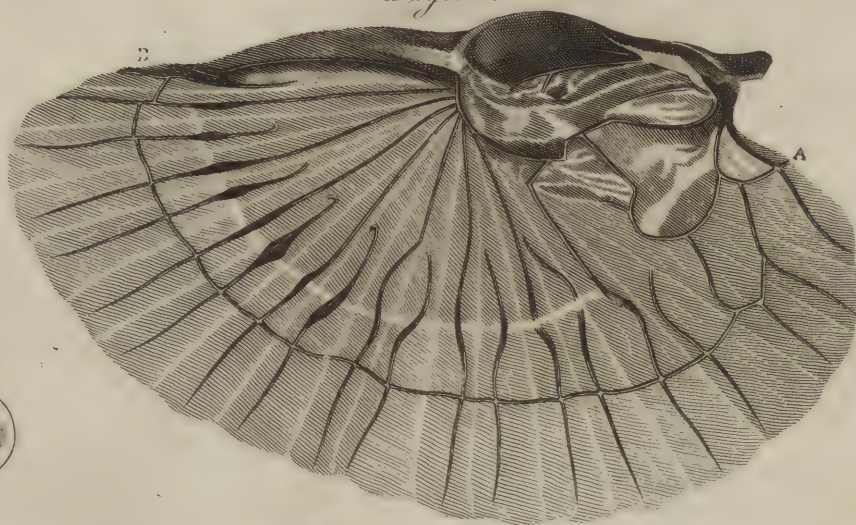


Fig. 57.

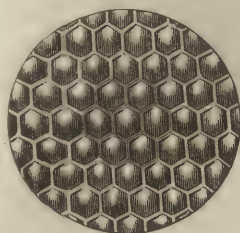


Fig. 59.

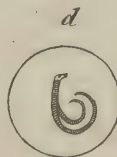
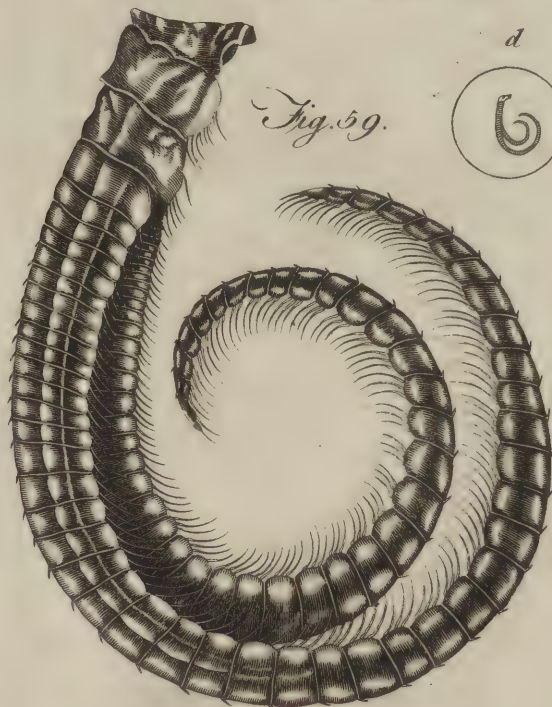


Fig. 58.

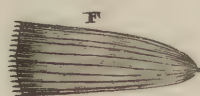
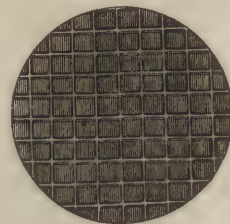
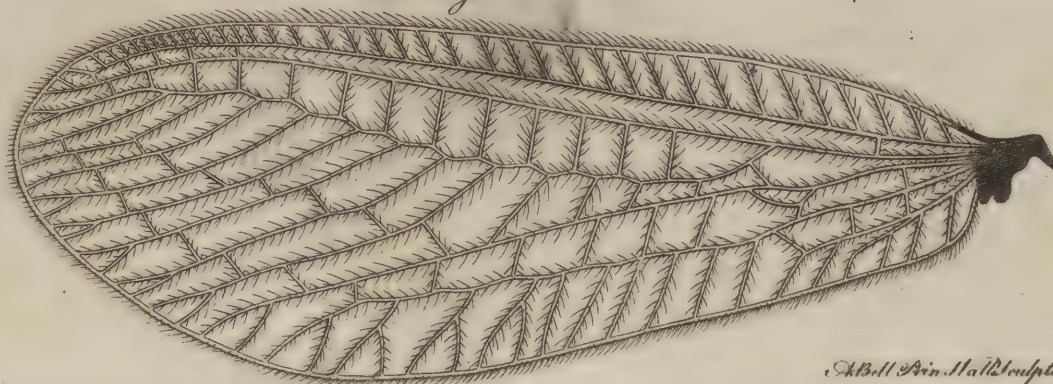


Fig. 56.





Microscopic Objects.
Fig. 65.

Plate CCCV.

Fig. 62.

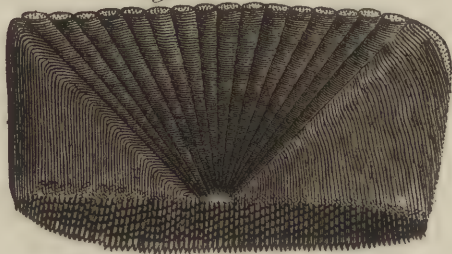


Fig. 64.

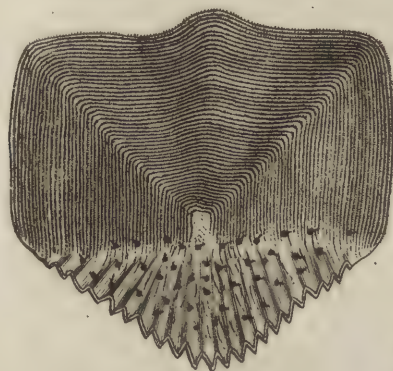


Fig. 61.

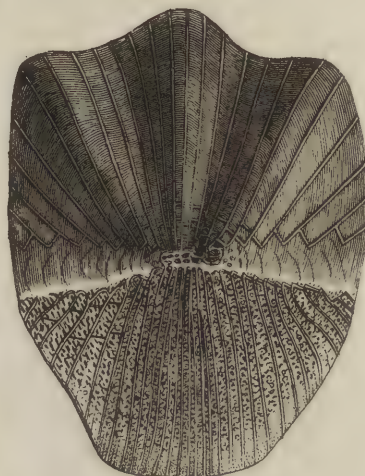
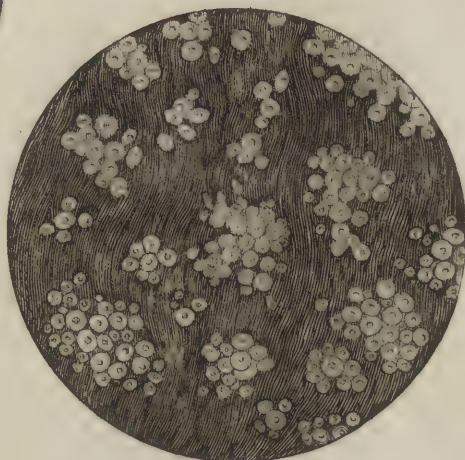


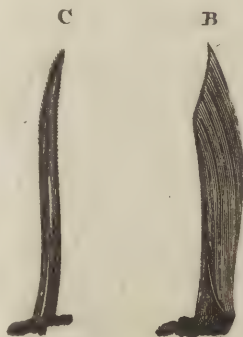
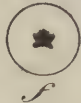
Fig. 63.



Fig. 66.



Fig. 60.



A. Bell Pin. Wal. Sculptor fecit.

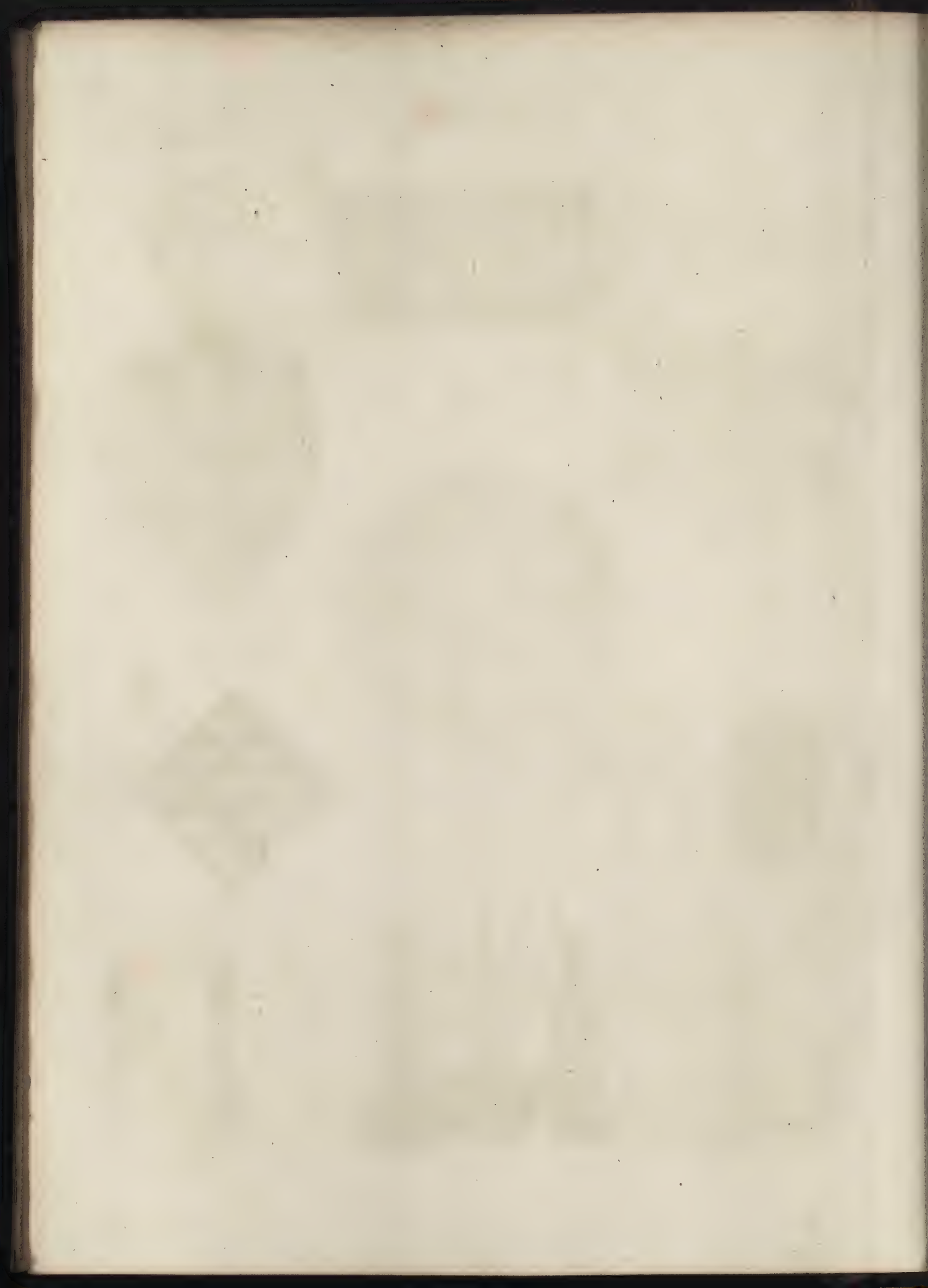


Fig. 1.



Fig. 2.

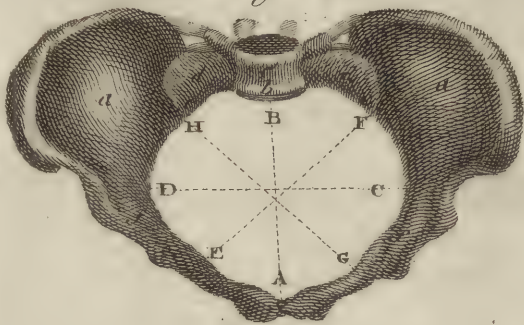


Fig. 3.



Fig. 8.

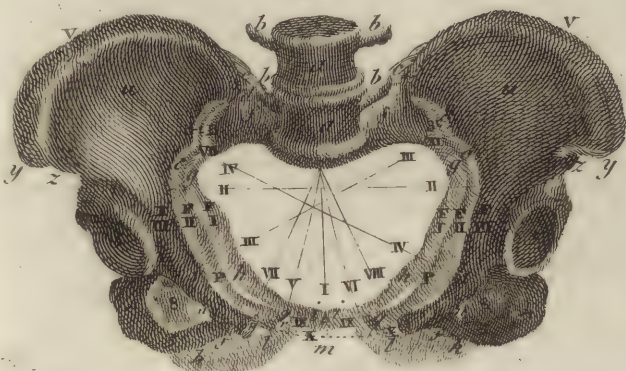


Fig. 4.

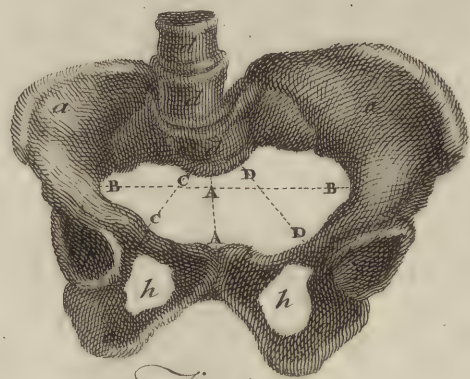


Fig. 5.

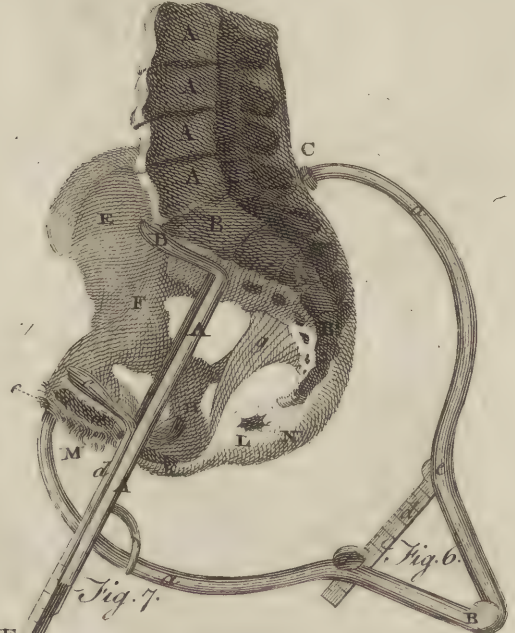
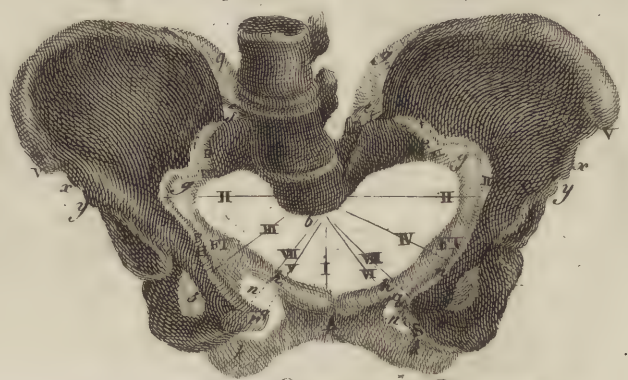


Fig. 9.



Ad Bell Pin. Wala Sculptor, fecit.

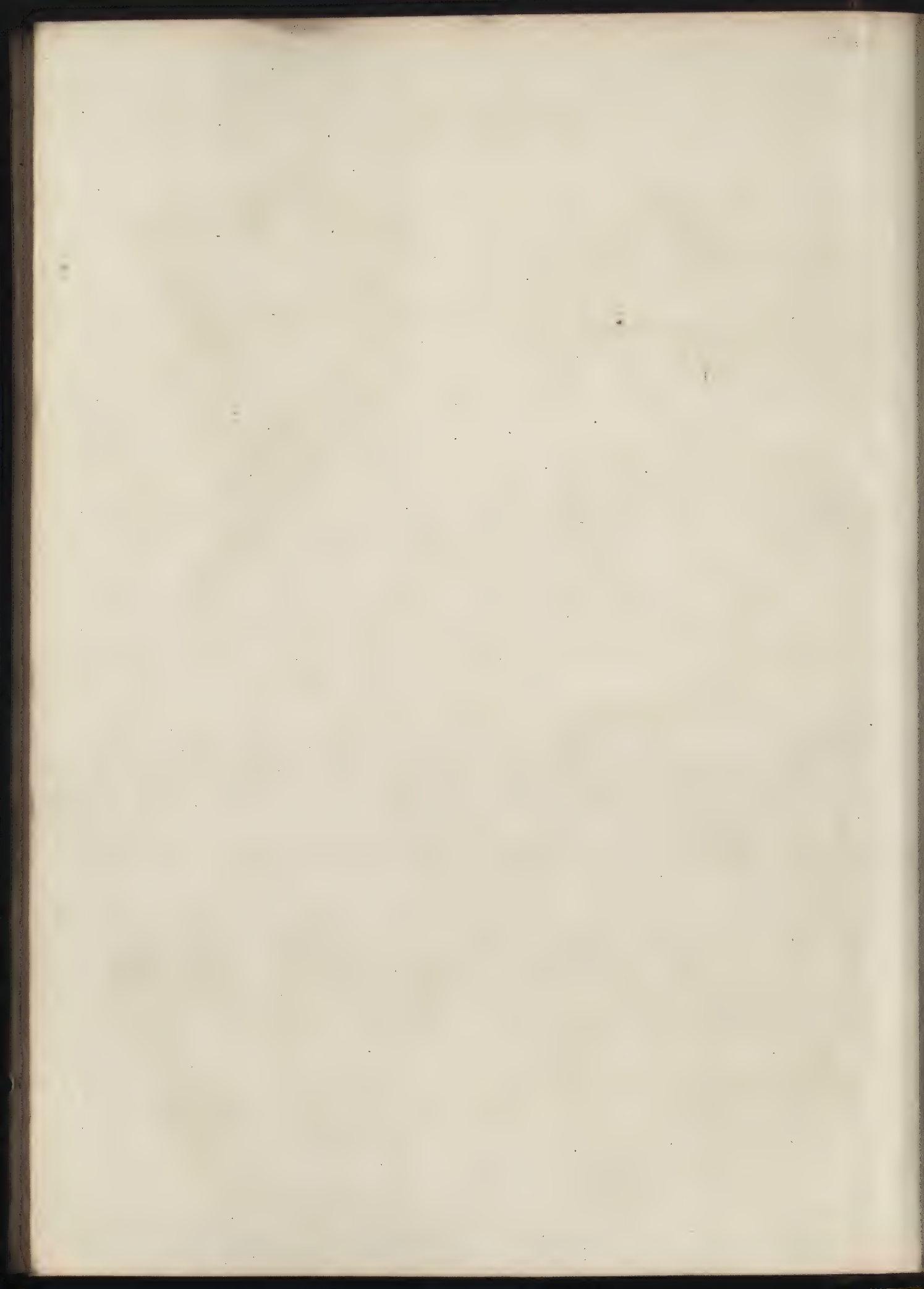


Fig. 10.



Fig. 11.



Fig. 13.



Fig. 12.



Fig. 14.



Fig. 15.

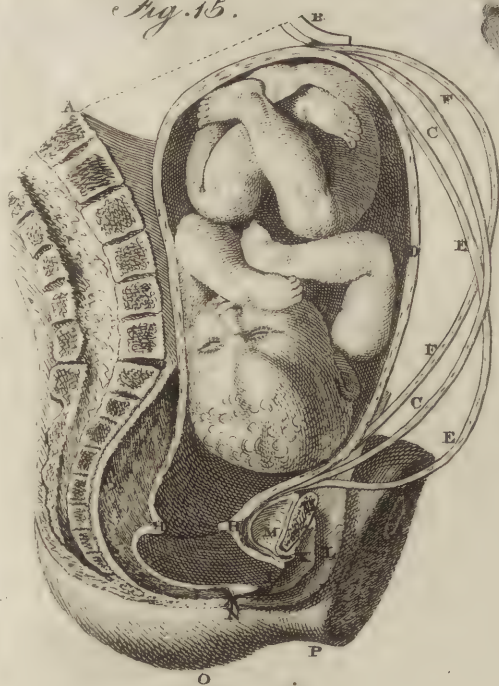


Fig. 16.



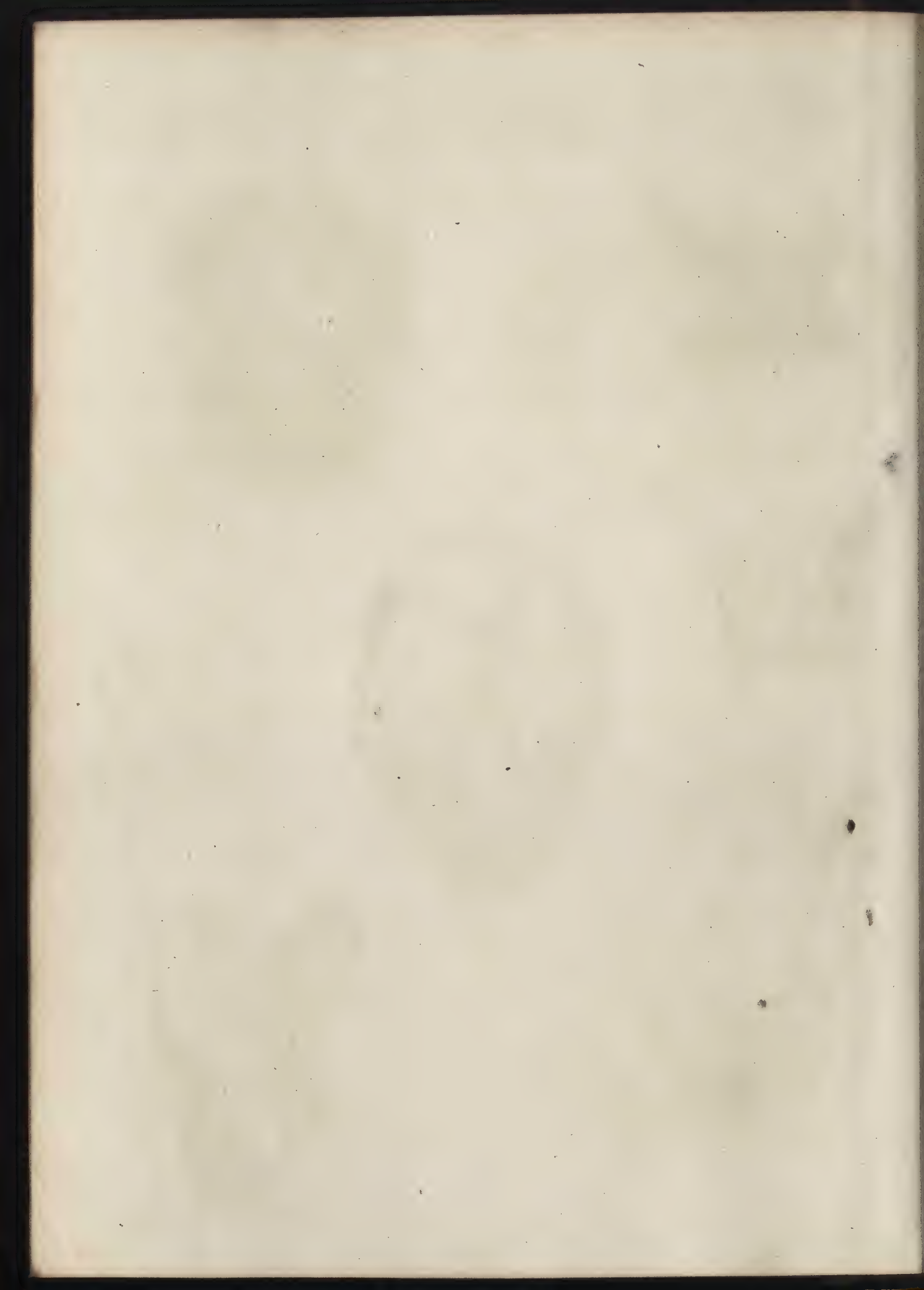


Fig. 17.



Fig. 18.

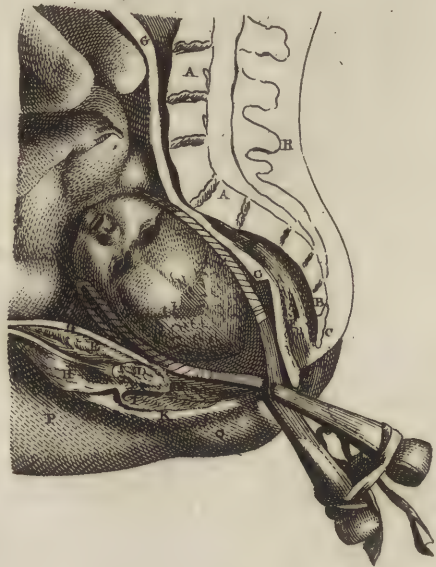


Fig. 19.



Fig. 20.

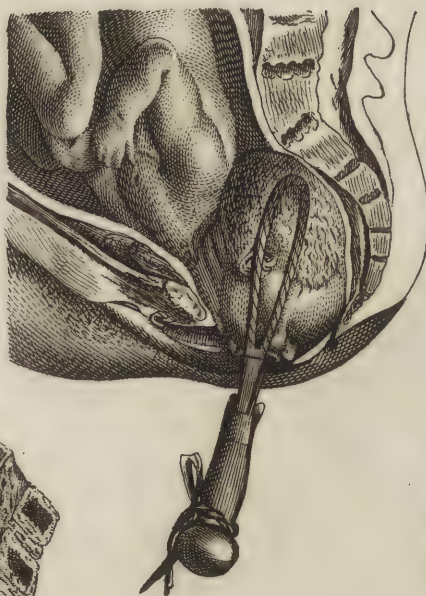


Fig. 22.



Fig. 21.



Fig. 23.



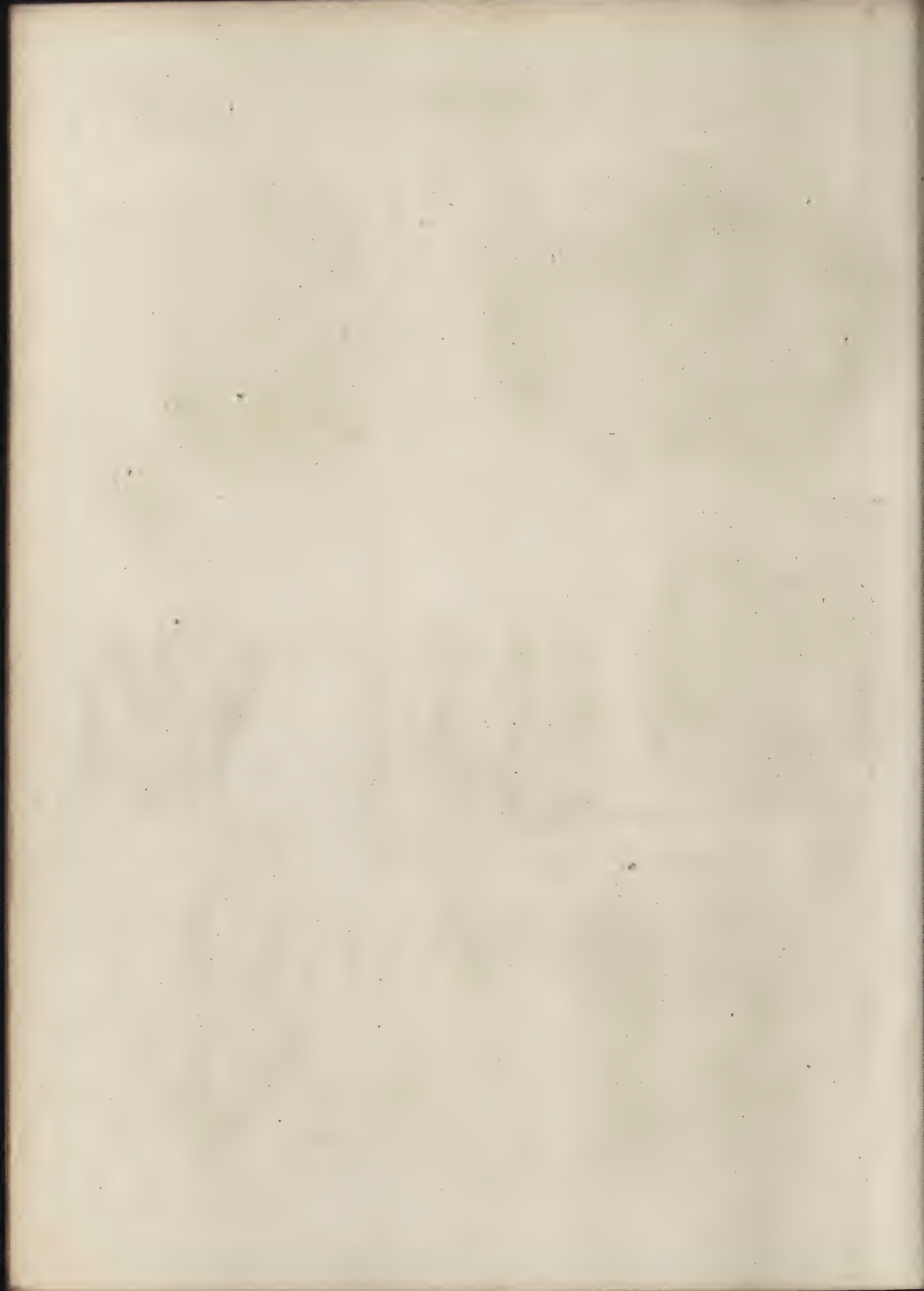


Fig. 24.

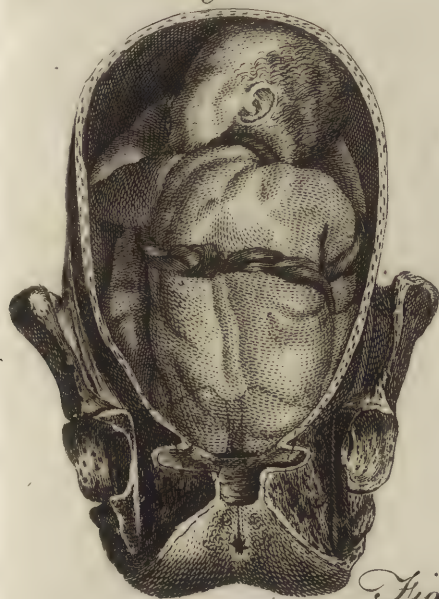


Fig. 25.



Fig. 32.

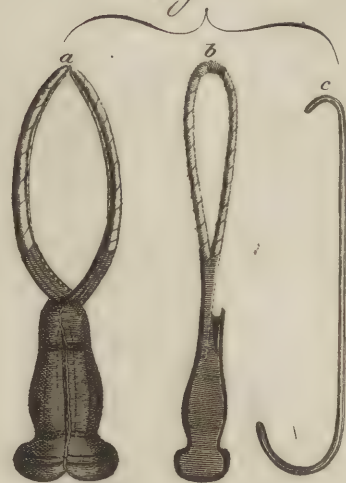


Fig. 26.



Fig. 33.

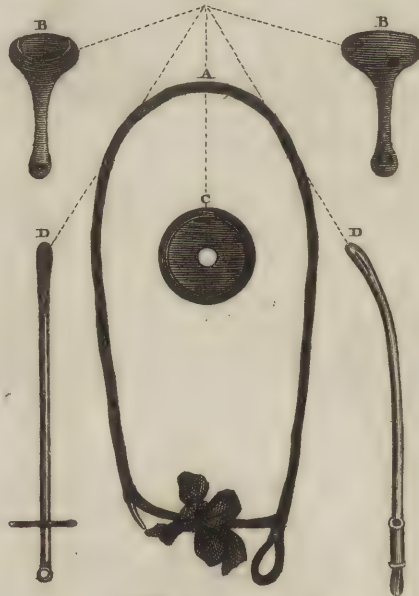


Fig. 27.



Fig. 28.



Fig. 34.

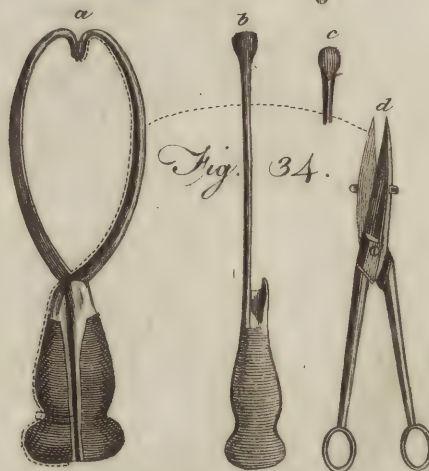




Fig. 35 *Fig. 36* *Fig. 38.*

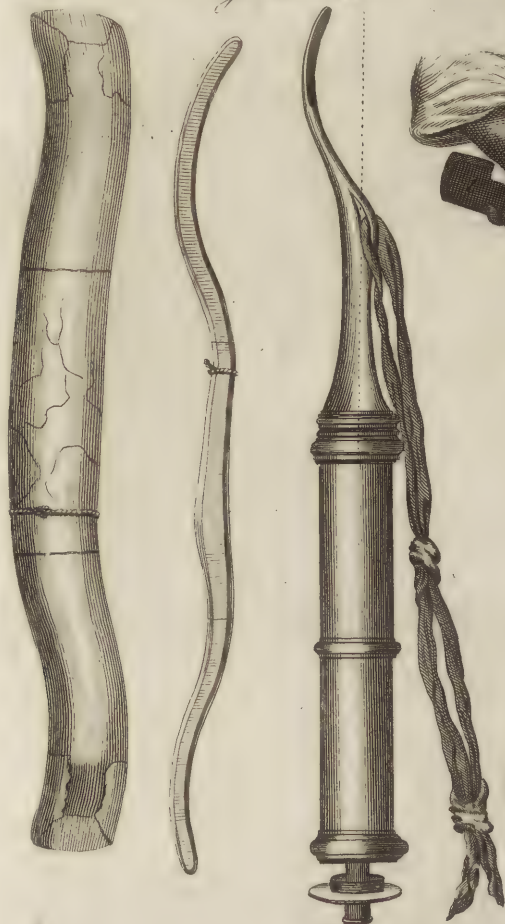


Fig. 29.



Fig. 30.

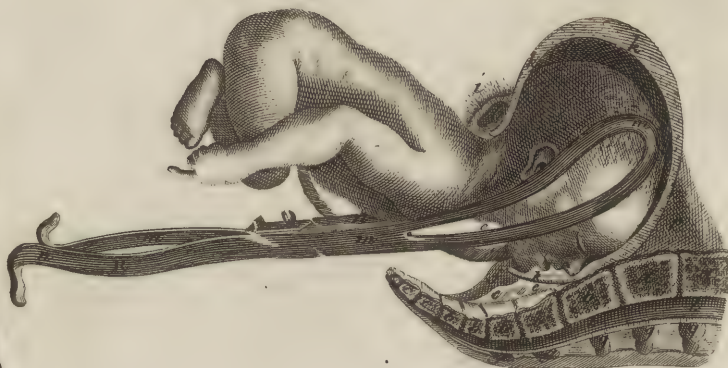


Fig. 37.

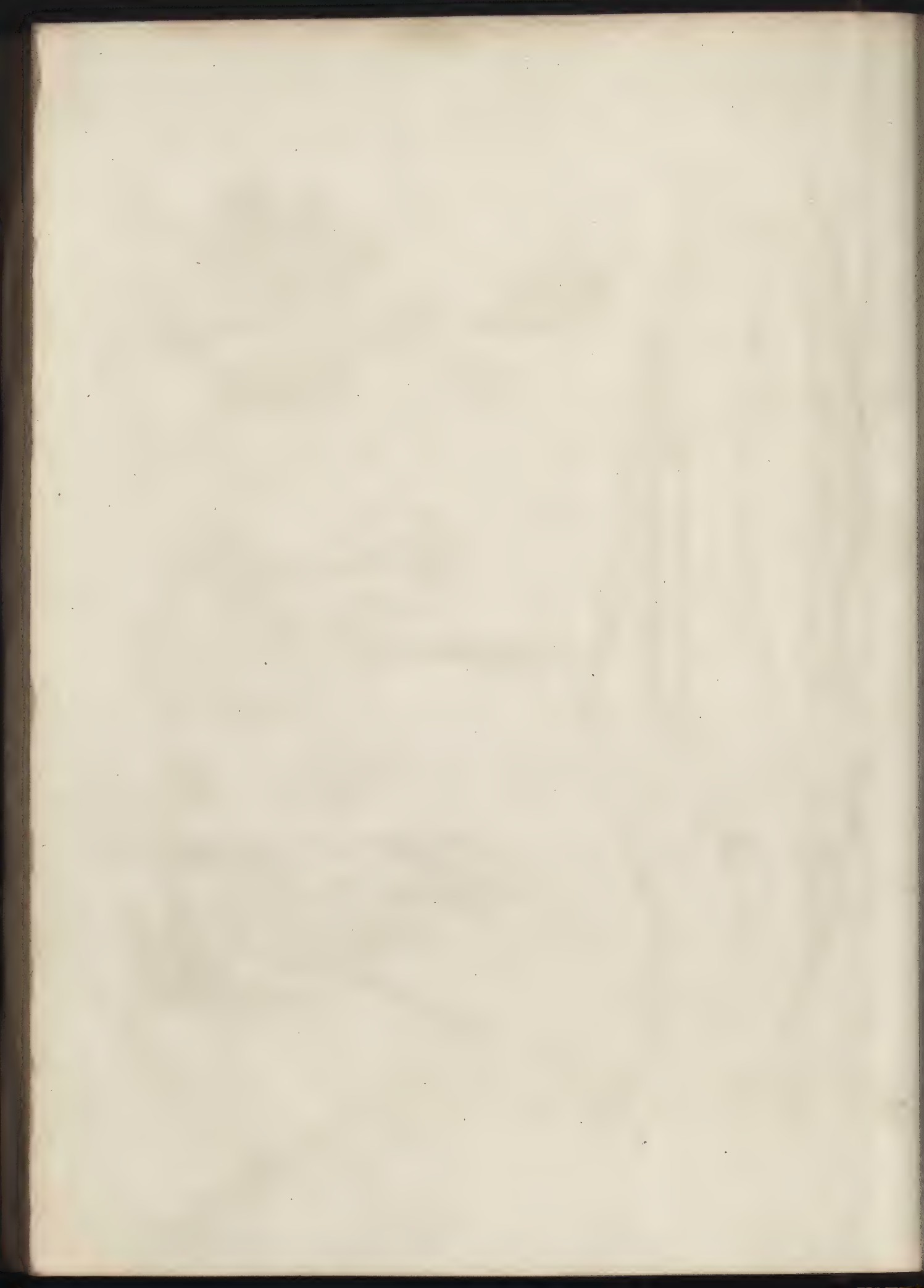


Fig. 39 *Fig. 40.*



Fig. 31.





Mimosa.

Plate CCCXI.

Mimosa nilotica.



Mimosa catolhu.



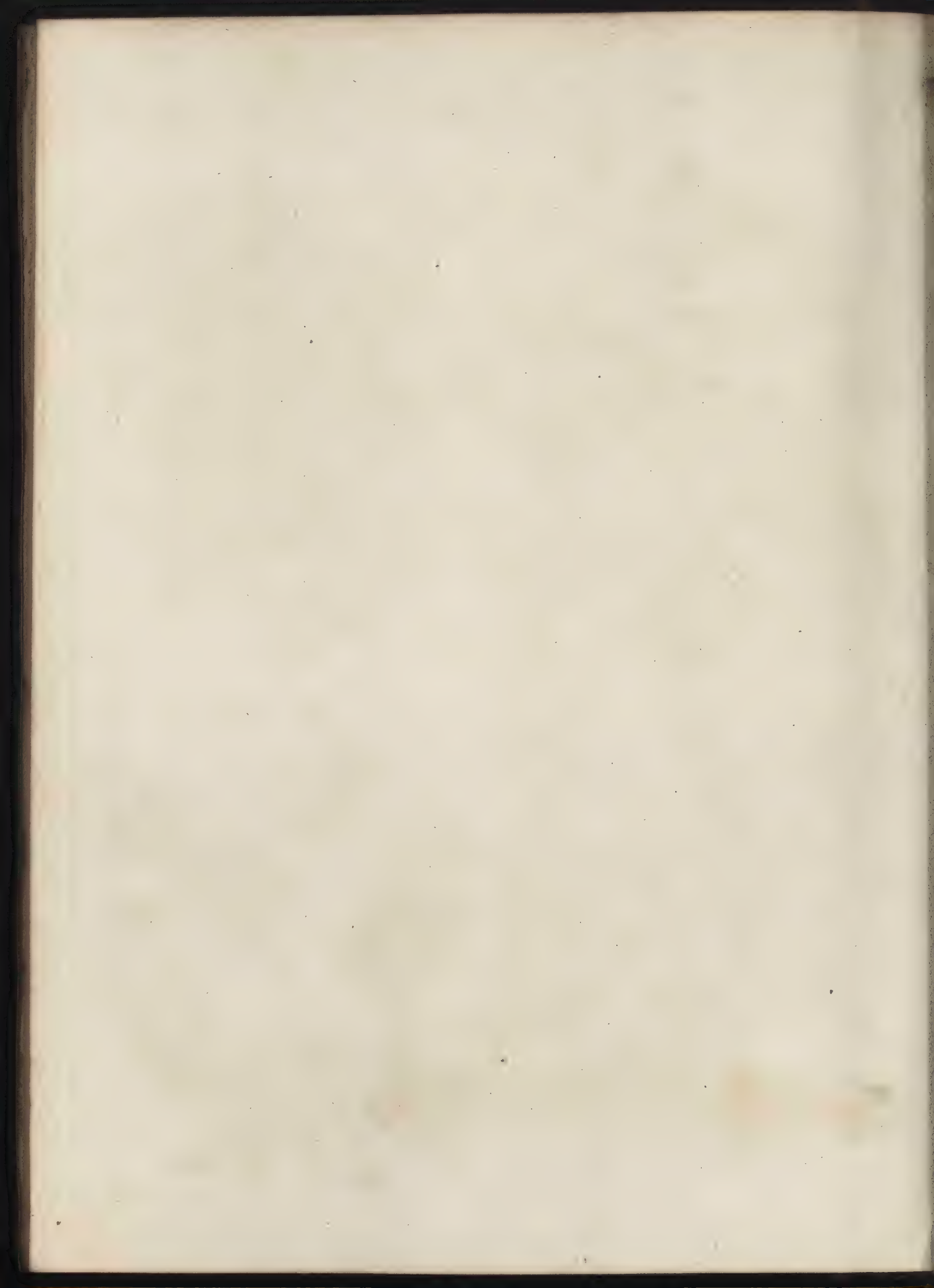
Mimosa cinerea.



Mimosa scandens.



A. Bell. Pin. Wal. Joffe.



(Himosa non-descript.)

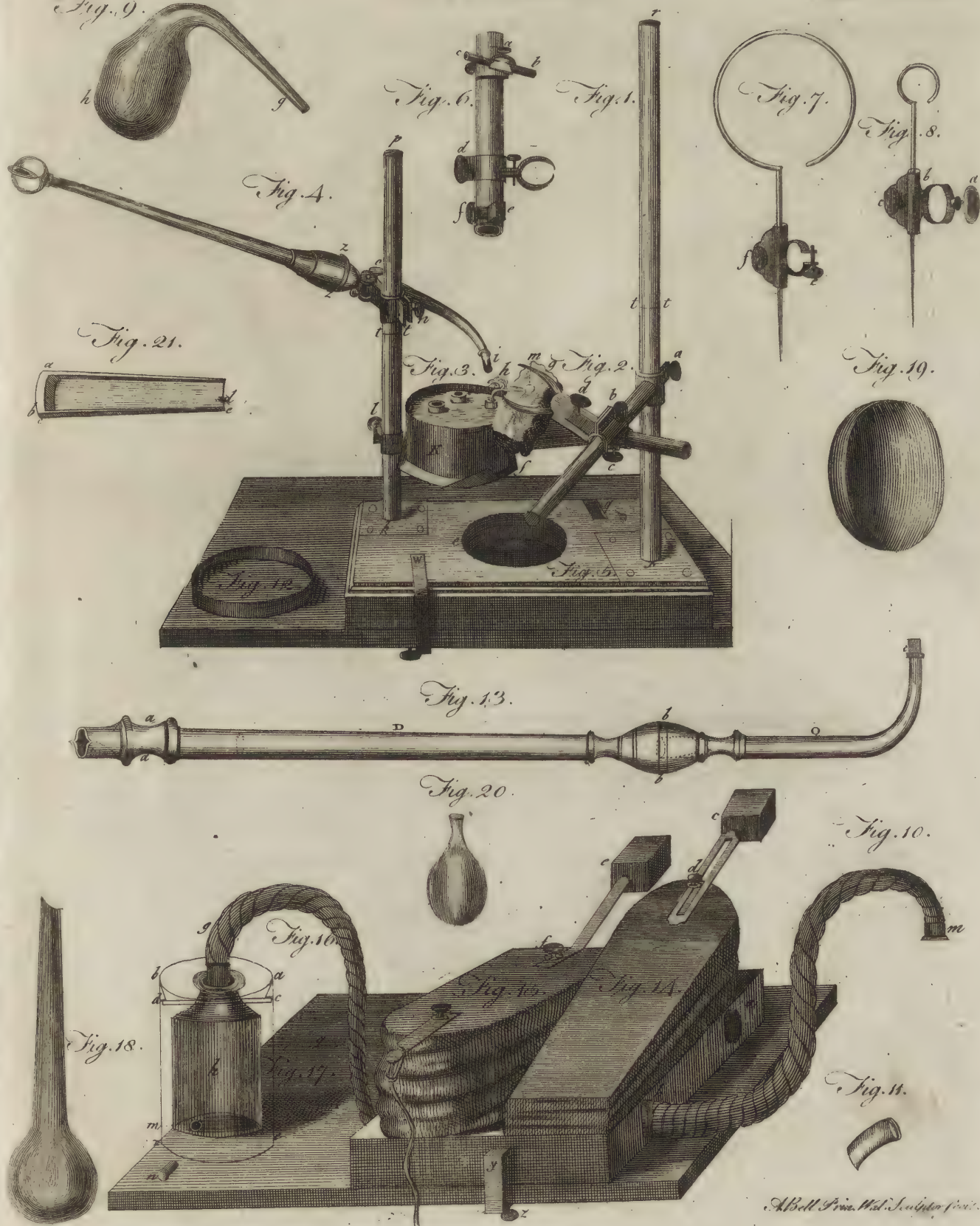
Plate CCCXII.



Copied from Capt. Paterson's Travels.

A. Bell & Son, Glasgow, sculpt. fecit.



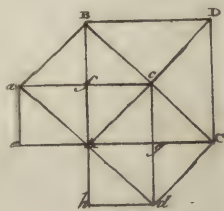




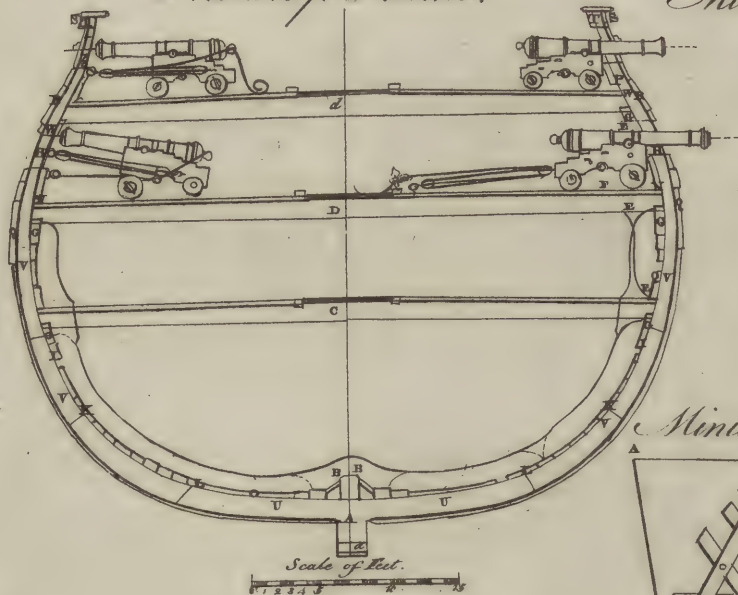
Winnin.



Motion.

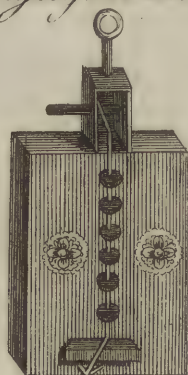


Midship Frame.

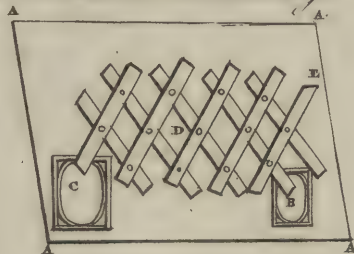


Scale of Feet.
0 1 2 3 4 5 6 7 8 9 10

Plate CCCXIV.
Minagnghinim.



Miniature Painting.



Moon.
Fig. 1.



Fig. 2.

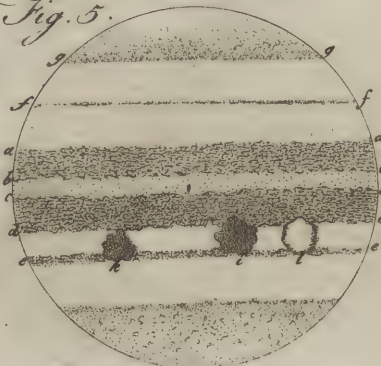


Fig. 3.



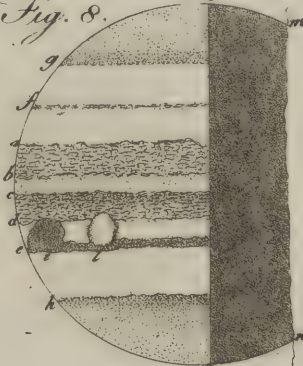
Fig. 4.

Fig. 5.



North.

Fig. 8.



North.

Fig. 6.

Aristarchus.

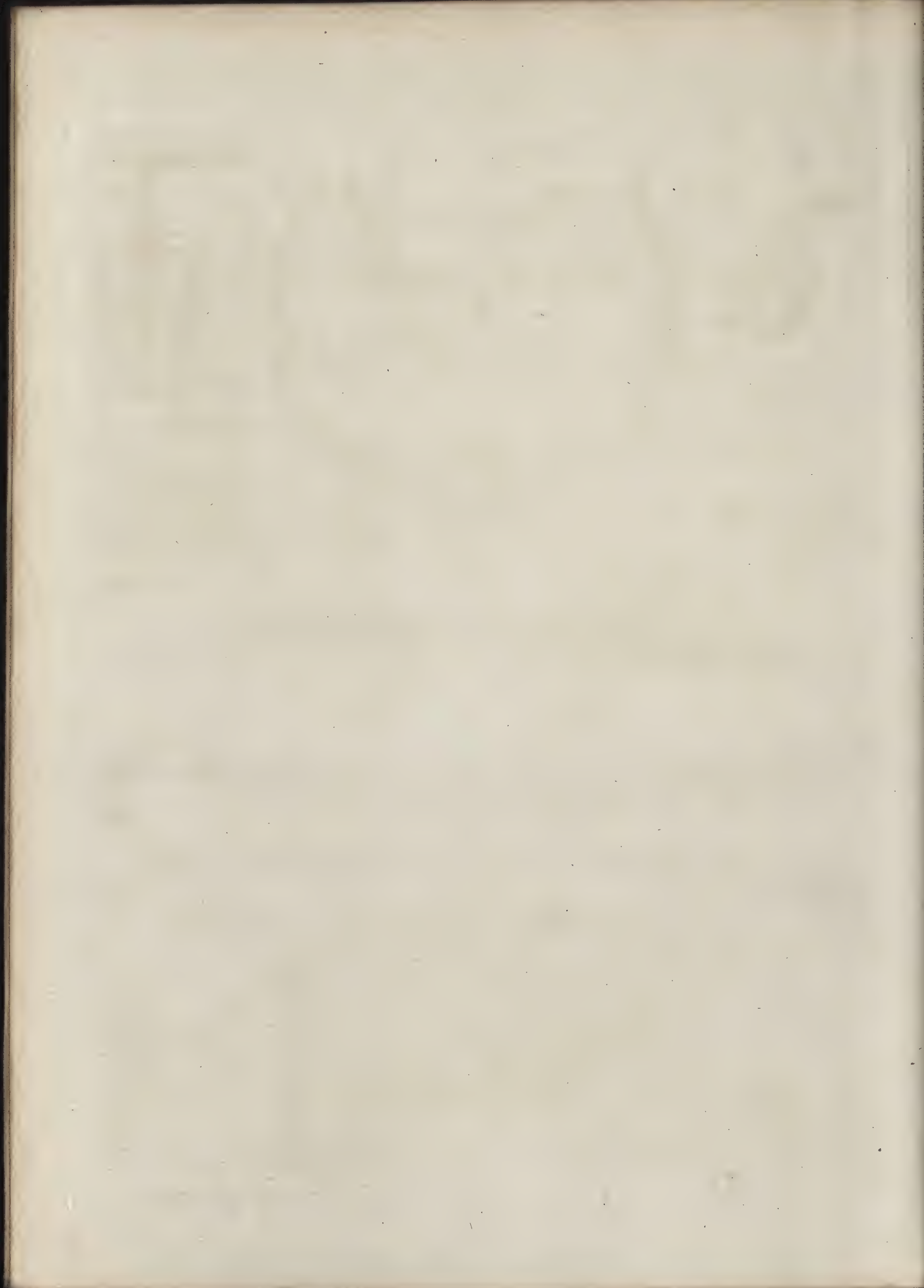


Fig. 7.

Plutarch.
Sensor.



A Bell Prin. Hall Sculptor, scul.



Moschus.

M. Pigmaea



M. Memina.



M. Moschiferus.



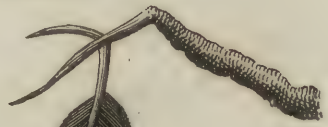
Mordella.



M. Regulus.



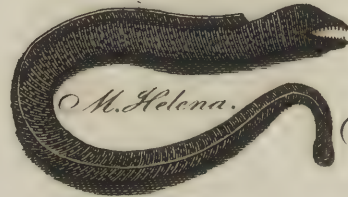
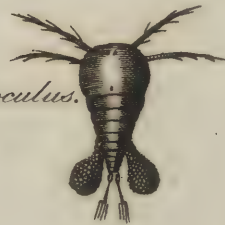
Motacilla.



M. Sutoria.



Monoculus.



M. Helena.

Murena.



M. Siren.

Monodon.



Mullus.



Mutilla.

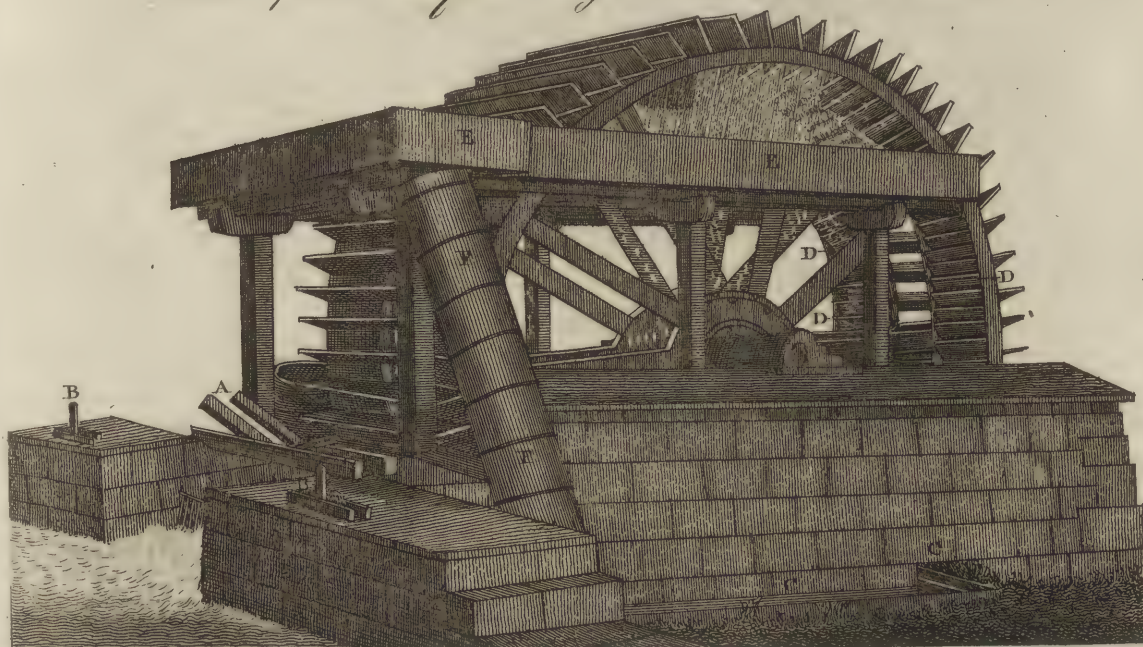
Mugil.



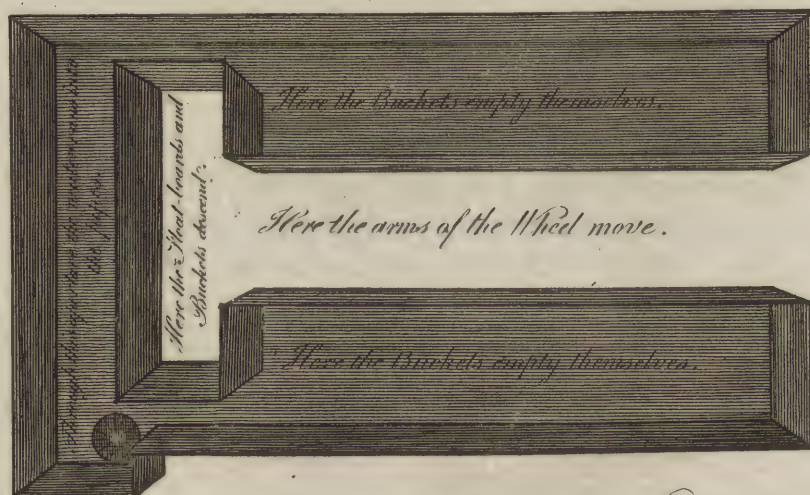


Wells or Bogs.
Sketch of the Wheel for raising Water at Blair Drummond.

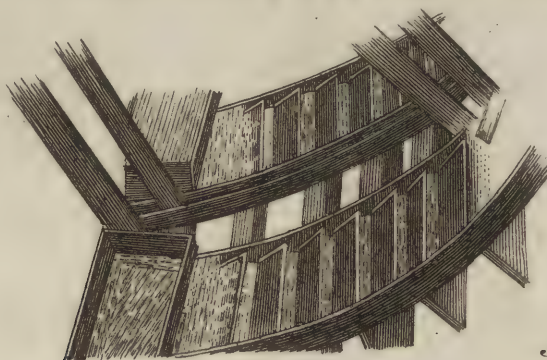
Plate CCCXVI.



Sketch of the Cistern as seen from above.



Sketch of the manner in which the water is filled from the Troughs into the Buckets.

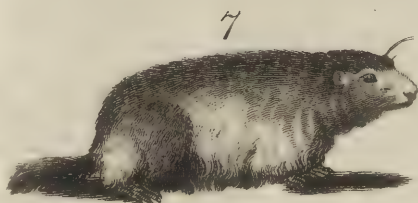
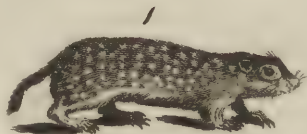


Abell Prin. Wal. Sculptor fecit.

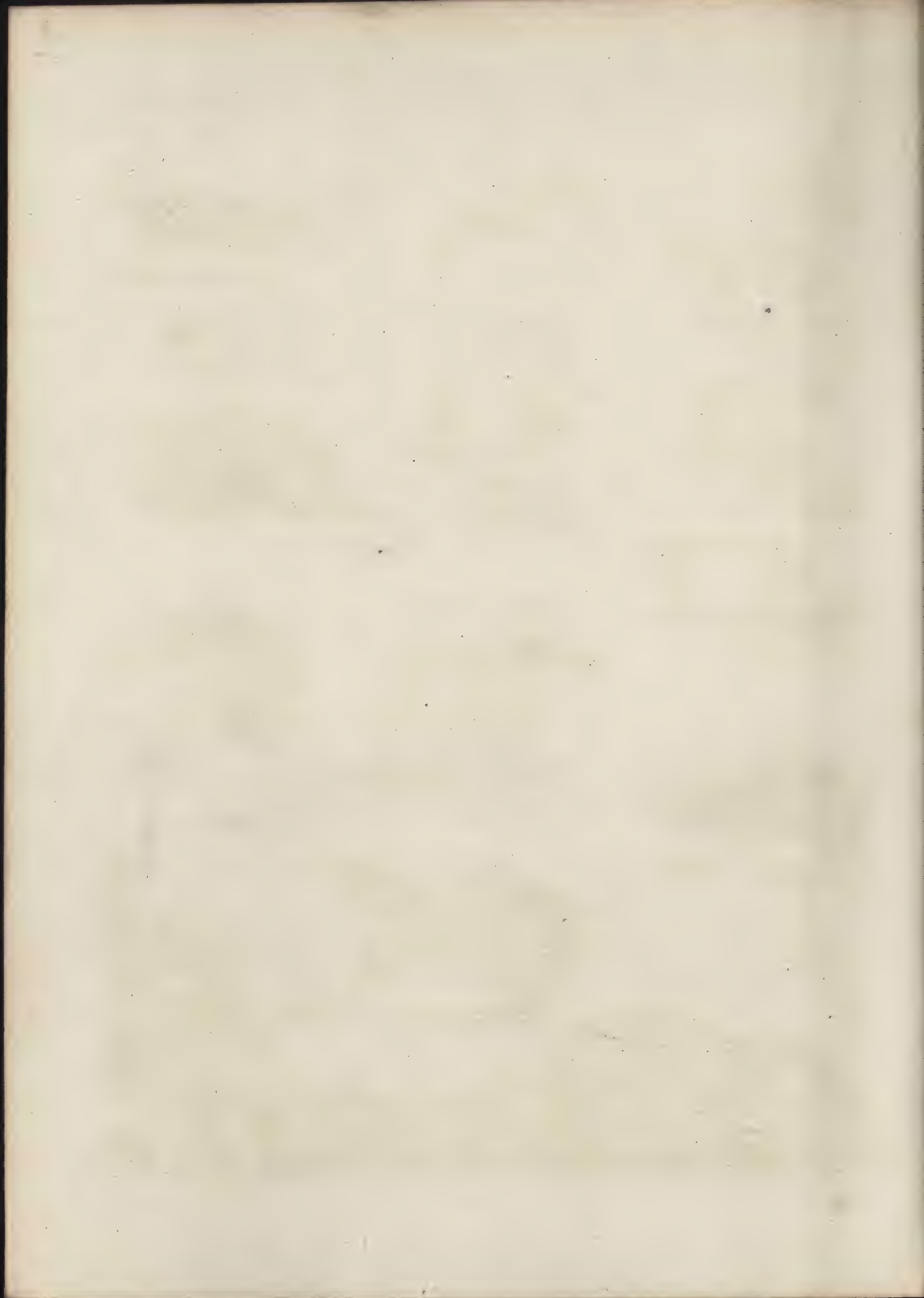


(P) Mus.

Plate C'CCXVII.



A. Bell Pin. H. A. Sculpsit. fecit.

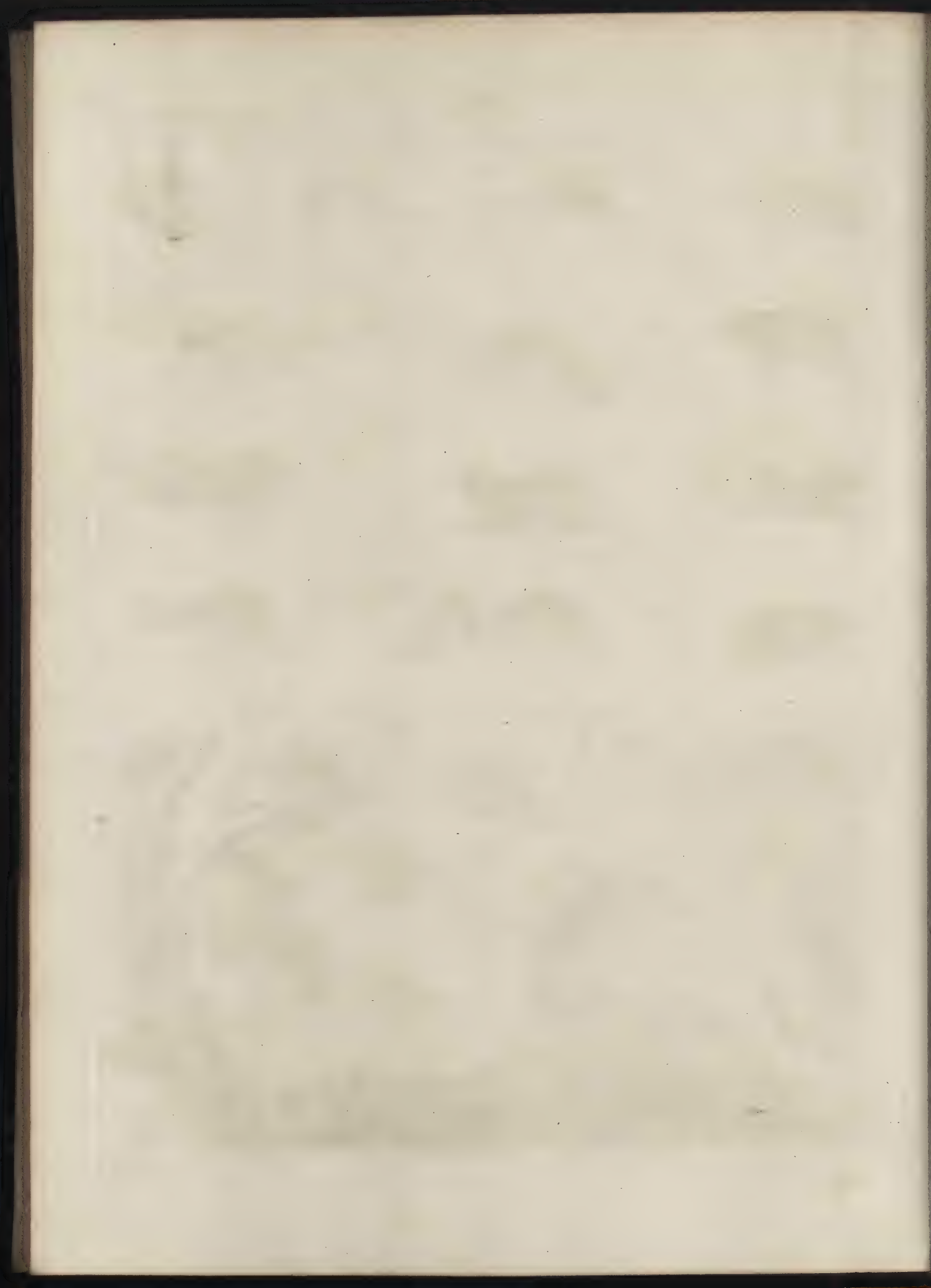


MUS.

Plate CCCXVIII.



A. Bell Pin. H. D. Sculptor fecit.







Muscivora.

Plate CCCXX.

M. Carolinensis.



M. rubra.



M. Crinita.



Musa.

Paradisica.



Sapientum.



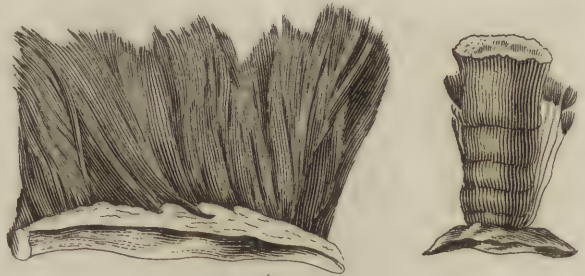
A. Bell Prin. Mal. insular. fecit.



Utricularia.



Pyloides.



Mnium.



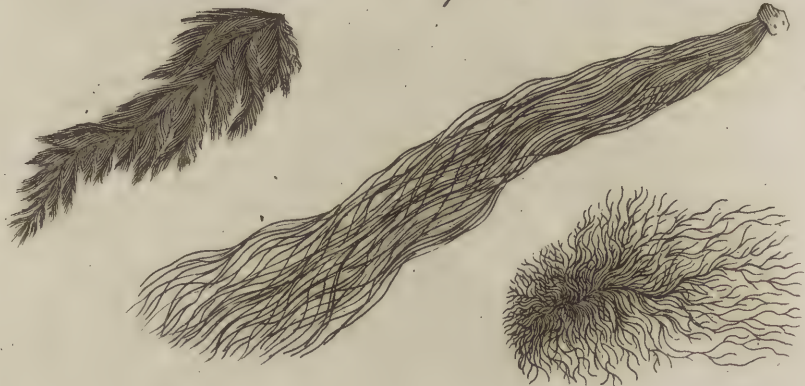
Hypnum.



Sphagnum.

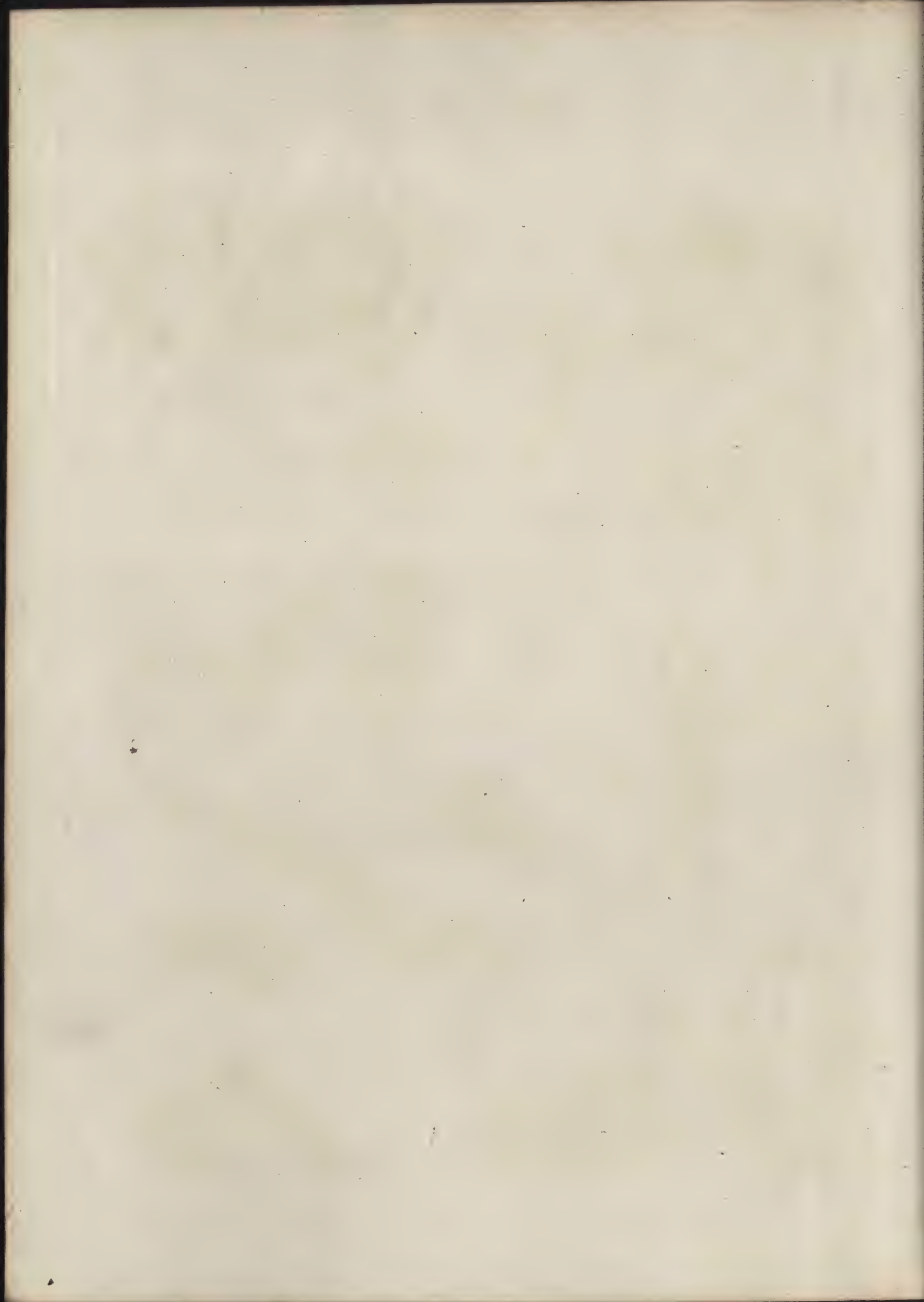


Conferva.



Tentaculata.





Musci Mosses.
Lycopodia.

Plate CCCXXII.



Polytricha.

Brya.

Selginas.



N^o 3.

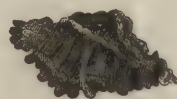


Murex.

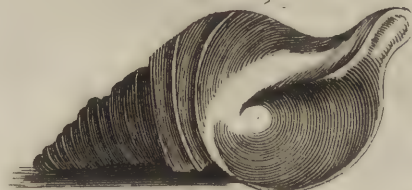
N^o 4.



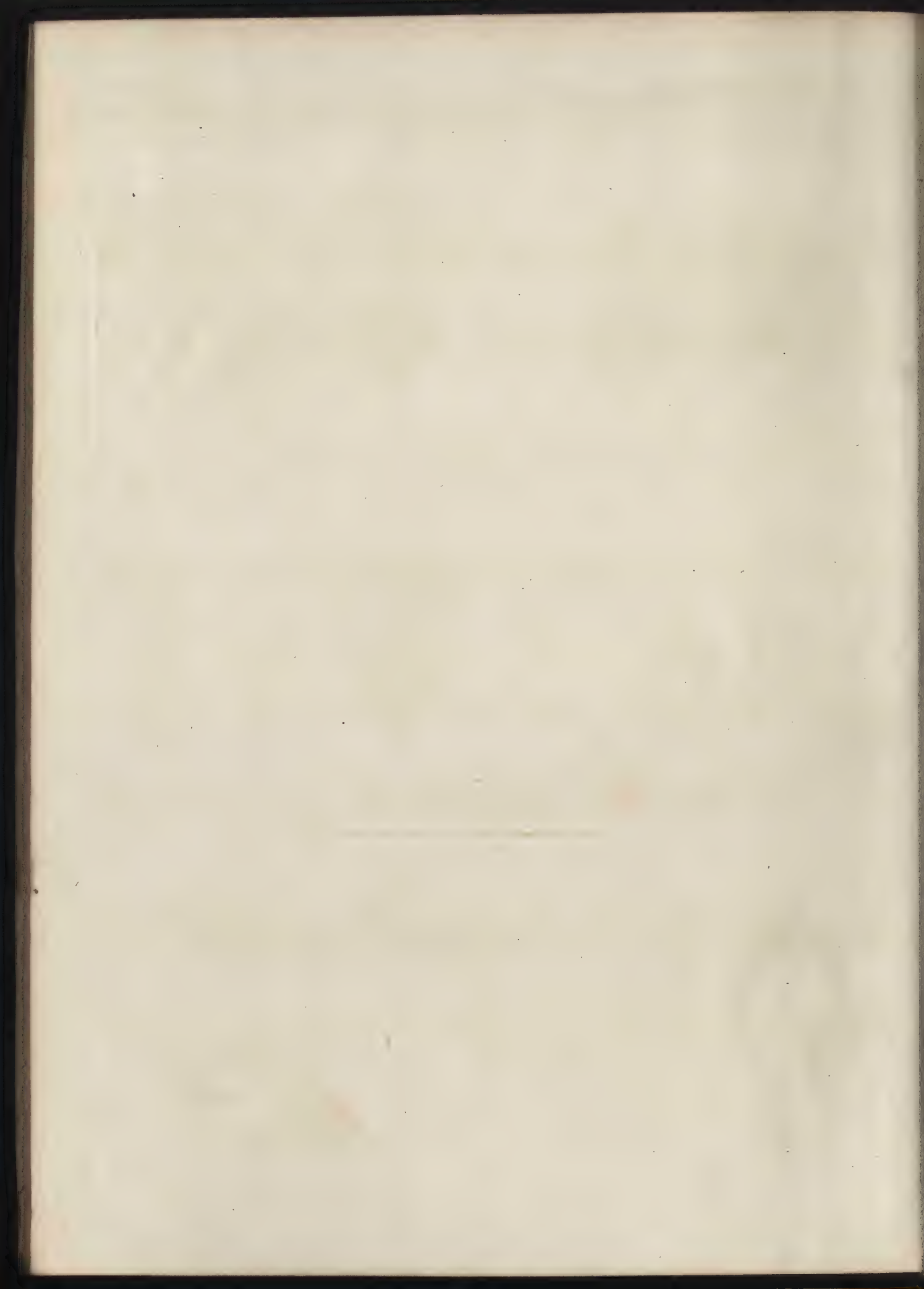
N^o 1.



N^o 2.



A. Bell Pin. Val. Sculptor fecit.



Tone tone semitone tone tone tone semitone

A *ut re mi fa sol la si ut*

B *ut re mi fa sol la si ut re mi fa sol &c*

Scale first. Scale Second.



The Chromatic Species.

Scale.

K *Sol Sol &c*
ut Mi Sol &c

The Fundamental bass.

The diatonic Scale of the Greeks.

D *Si ut re mi fa sol la*
Sol ut sol ut fa ut fa

The Fundamental bass.

E *ut re mi fa sol sol la si ut*
ut sol ut fa ut sol re sol ut

The Fundamental bass.

Scale.

L *ut Mi Si &c*
ut Mi Sol &c

The Fundamental bass.

F *ut, ut*, re, re*, mi, mi*, fa*, SOL, sol*, LA, la*, si, si*, ut, ut*, RE, RE*, MI, MI*,*

Scale first. Scale Second.

The first Scale of the minor mode.

G *Sol La si ut re mi fa*
Mi La Mi La re la re

The Fundamental bass.

Scale.

N *Miv Mi Mi Mi Miv*
ut ut la ut ut

The Fundamental bass.

The second Scale of the minor mode.

H *la si ut re mi mi fa* sol* la*
la mi la re la mi si mi la

The Fundamental bass.

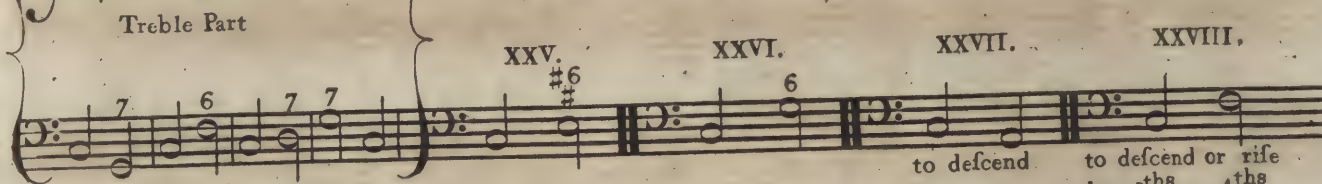
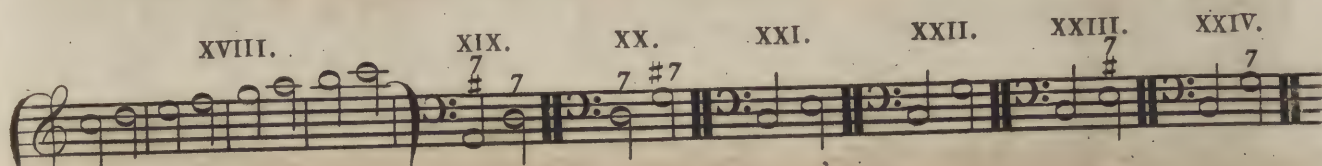
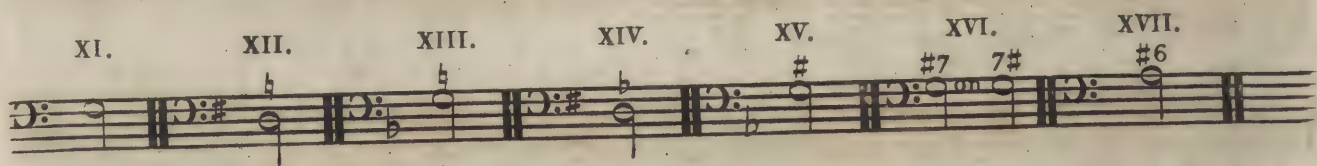
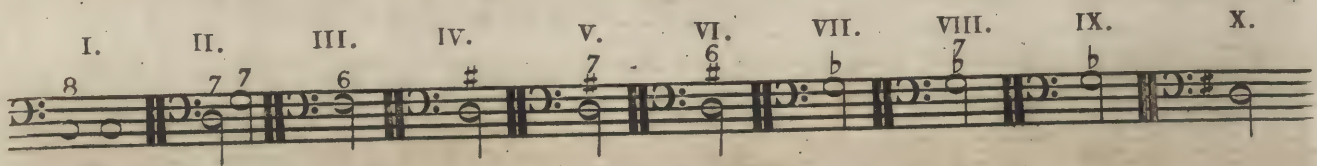
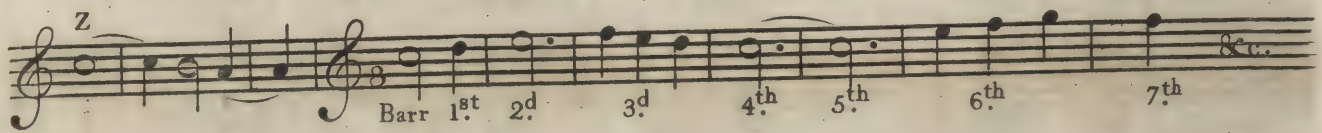
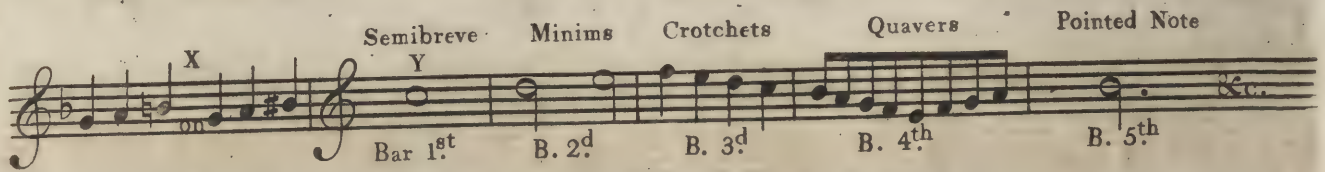
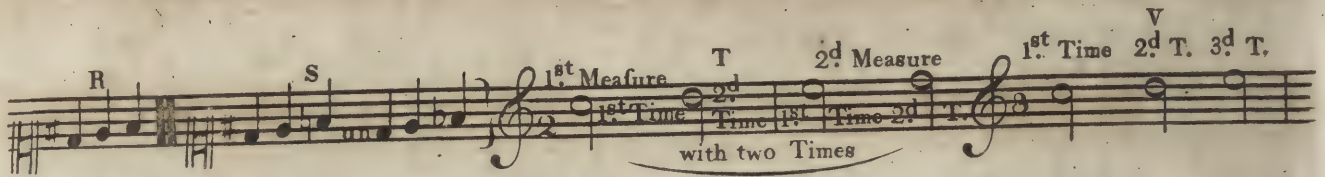
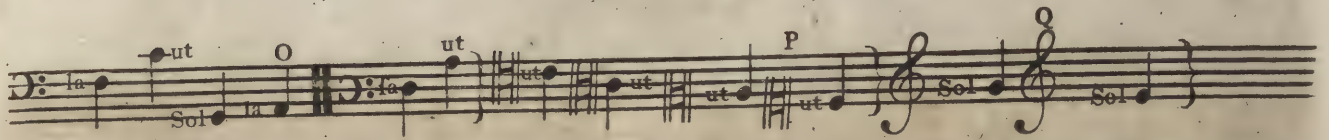
Scale.

I *ut re mi fa sol la si ut*
ut sol ut fa ut re sol ut

Scale.

M *fa mi mi re*
re ut mi si

The Fundamental bass.



Treble Part

Fundamentl Bafs

to descnd
by thirds

to descnd or rise
by 5ths or 4ths

MUSIC.

Pl. 325

XXIX. XXX. XXXI. XXXII. XXXIII. XXXIV. XXXV. XXXVI. XXXVII.

XXXVIII. XXXIX. XL. XLI. XLII. XLIII. XLIV. XLV. XLVI.

Perfect Cadence unperfect Cad:

XLVII. XLVIII. XLIX. L. LI.

Treble part Treble Treble Treble

Fundamental Bass Fund. Bass Fund. Bass

LII. LIII. LIV. LV. LVI. LVII. LVIII.

dissonance resolved. dis. res. dis. res.

Treble Treble Treble

Fundamental B. Fund. B. Fund. B. Fund. B. F. B. F. B.

LIX. LX. LXI. LXII. LXIII. LXIV. LXV. LXVI.

Th. B. T. B. T. B. T. B. T. B. Thorough Bass T. B.

F. B. F. B. F. B. F. B. F. B. Fundamental Bass F. B.

P1. 326

The image displays a musical score for the hymn 'The Bird Song' by J. B. Dykes. It features three staves: Treble, Thorough Bass, and Fundamental Bass. The score is divided into two measures, LXVII and LXVIII. Measure LXVII includes a treble staff with a key signature of one sharp (F#) and a common time signature (C), a thorough bass staff with figured bass notation (6, 6-6, 5, 6, 6, 3, 6, 4, 7), and a fundamental bass staff with figured bass notation (7, 7, 6, 7). Measure LXVIII continues the melody in the treble staff and provides the corresponding bass lines in the thorough and fundamental bass staves. The thorough bass staff for LXVIII includes a 'Th. B.' label and a '4+' figure. The fundamental bass staff for LXVIII includes a 'Fund. B.' label and a '7' figure. The score is presented in a clear, legible format with standard musical notation and figured bass.

[illegible]

LXXII. LXXIII. LXXIV. LXXV.

F. B. F. B. F. B. Broken Cadence F. B. Interrupted Cadence

LXXVI. LXXVII. LXXVIII. LXXIX. LXXX. LXXXI. LXXXII. LXXXIII. LXXXIV. LXXXV.

The musical score consists of two staves. The top staff is for Tenor Bass (T.B.) and the bottom staff is for Fundamentals (Fund.B.). The top staff has a treble clef and a key signature of one sharp (F#). The bottom staff has a bass clef and a key signature of one sharp (F#). The music is in 4/4 time. The top staff has a melody with various intervals and rests, and the bottom staff has a bass line with various intervals and rests. The notes are labeled with numbers 1 through 7, and the rests are labeled with numbers 1 through 7. The notes are: LXXVI. (F#), LXXVII. (F#), LXXVIII. (F#), LXXIX. (F#), LXXX. (F#), LXXXI. (F#), LXXXII. (F#), LXXXIII. (F#), LXXXIV. (F#), LXXXV. (F#). The rests are: LXXVI. (1), LXXVII. (1), LXXVIII. (1), LXXIX. (1), LXXX. (1), LXXXI. (1), LXXXII. (1), LXXXIII. (1), LXXXIV. (1), LXXXV. (1).

T.B. T.B. T.B. T.B. T.B. T.B. T.B. T.B. T.B. T.B.

Fund.B. F.B. F.B. F.B. F.B. F.B. F.B. F.B. F.B. F.B.

MUSIC.

Pl. 327.

LXXXVI. LXXXVII.

LXXXVIII.

LXXXIX.

Cromatic modulation descending. Cromatic modulation ascending.

T. B. T. B. The Treble The Treble

F. B. F. B. Fund. B. Fund. B.

XC.

XCI.

Treble Fund. B.

T. B. Fund. B.

F. B. XCII.

Treble.

Fund. B.

XCIII.

XCIV.

XCV.

Treble Th. B. F. B.

Fund. B. F. B.

MUSIC.

Pl. 328.

En fin, il est en ma puis_sance, Ce fatal enne mi, Ce superbe vin -

Th.B.

F.B.

-queur, Le charme du som meil le livre à ma ven - geance, Je vais per -

T.B.

F.B.

-cer son in_vin-ci-ble cœur; Par luy, tous mes Captifs sont sortis d'escla -

T.B.

F.B.

vage; Qu'il eprouve toute ma rage Quel trouble me saisit! Qui me fait héfi-

Th.B.

F.B.

-ter? Questce qu'en sa fa - veur la pilié me veut di re? Frapons, Ciel! qui peut marrê

Th.B.

F.B.

ter? Achevons je fremis! Vengeons nous je sou pire! Est-ce ainsi que je

Th.B.

F.B.

dois me venger anjour d'huy! Ma co-le-re se teint Quand j'aprophe de luy

Th.B.

F.B.

Plus je le vois! plus ma vengeance est vaine; Mon bras tremblant se re-

Th.B.

F.B.

fufe á ma haine: Ah! quelle cruau-te de luy ravir le jour! A ce jeune He-

Th.B.

F.B.

ros, tout cé-de sur la terre: Qui croiroit qu'il fût ne seulement pour la guerre, Il

Th. B.

F. B.

semble être fait pour l'A-mour. Ne puis-je me venger á moins qu'il ne pe-

Th. B.

F. B.

risse? Hé! ne suffi-t-il pas que l'Amour le pu nisse? Puisqu'il n'a pu trou-

Th. B.

F. B.

ver mes yeux as fez charmants; Qu'il m'aime au moins par mes enchante -

T.B.

F.B.

ments; Que s'il se peut, je le ha - is se.

T.B.

F.B.

Translation. Intended to give such Readers as do not understand French, an idea of the Song.

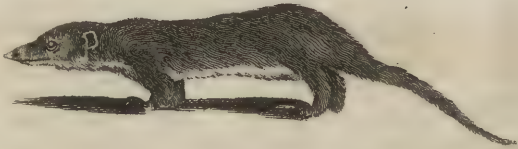
At length the victim in my power I see,
This fatal year resigns him to my rage;
Subdued by sleep he lies, and leaves me free,
With chastning hand my fury to aswage.
That mighty heart invincible and fierce,
Which all my captives freed from servile chains;
That mighty heart, my vengeful hand shall pierce;
My rage inventive wanton in his pains.
Ha! in my soul what perturbation reigns!
What would compassion in his favour plead?
Strike, hand, O heaven! what charm thy force restrains?
Obey my wrath. I sigh; yet let it bleed.
And is it thus my just revenge improves
The fair occasion to chastize my foe?
As I approach, a softer passion moves,
And all my boasting fury melts in wo.
Trembling, relax'd, and faithless to my hate,
The dreadful task this coward arm declines.

How cruel thus to urge his instant fate,
Depriv'd of life amid his great designs!
In youth how blooming! what a heavenly grace,
Thro' all his form, resistless power displays!
How sweet the smile that dwells upon his face,
Relentless rage disarming whilst I gaze!
Tho' to the prowess of his conquering arms
Earth stood with all her hosts oppos'd in vain;
Yet is he form'd to spread more mild alarms,
And bind all nature in a softer chain.
Can then his blood, his precious blood, alone
Extinguish all the vengeance in my heart?
Tho' still surviving, might he not atone.
For all the wrongs I feel, by gentler smart?
Since all my charms, unfeeling, he defies,
Let Magic force his stubborn soul subdue;
Whilst I, inflexible to tears and sighs,
With hate (if I can hate) his peace pursue.

Mustella.

Plate CCCXXXIII.

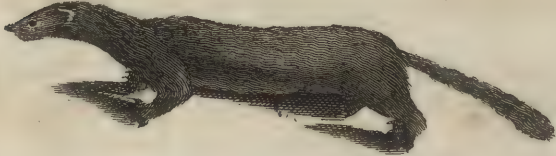
7



8



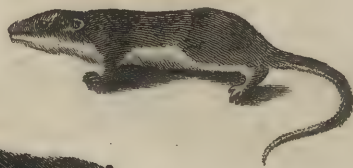
5



10



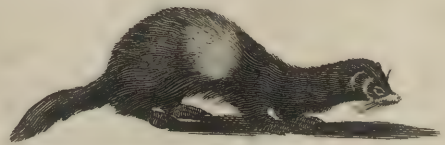
6



9



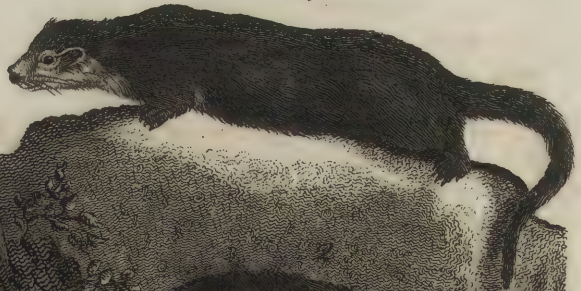
11



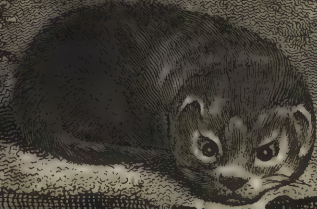
1



4



3



A. Bell. Pin. Wal. Sculptor fecit.



Myristica.

Plate CCCXXXIV.



A. Bell Pin. W. & L. Sculptor fecit.



Myristica.

Plate CCCXXXV.

Fig. 1.

Fig. 2.

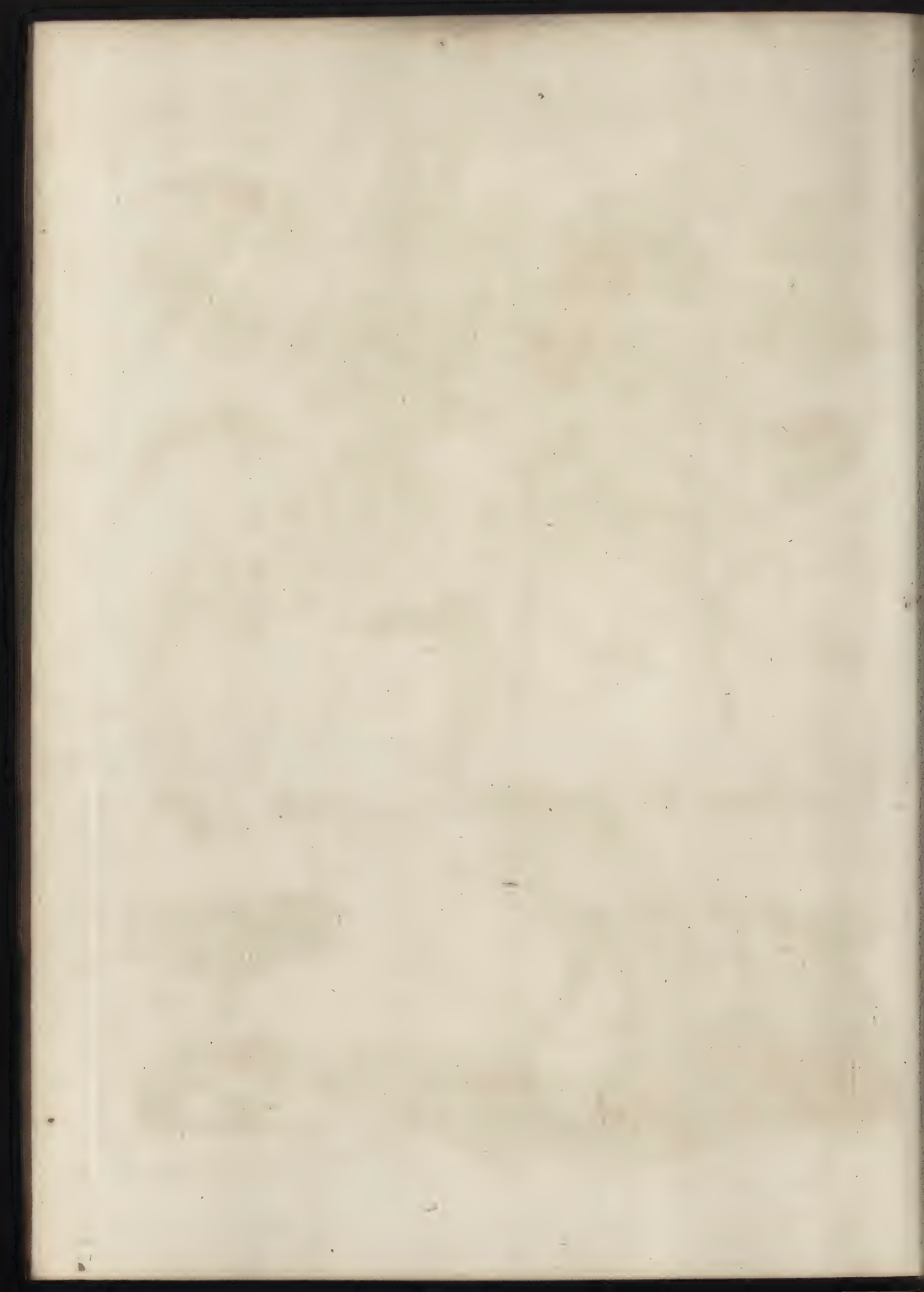


Mycteria Americana.

Mya.



A. Bell Pin. Nat. Sculptor fecit.



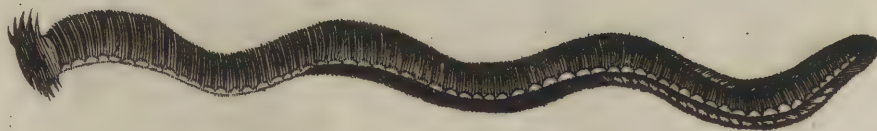
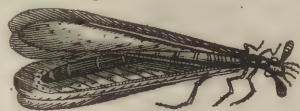
Myrtus pimenta.

Plate CCCXXXVI.



Myrmelion.

Myxine.



M. jubata.

Myrmecophaga.

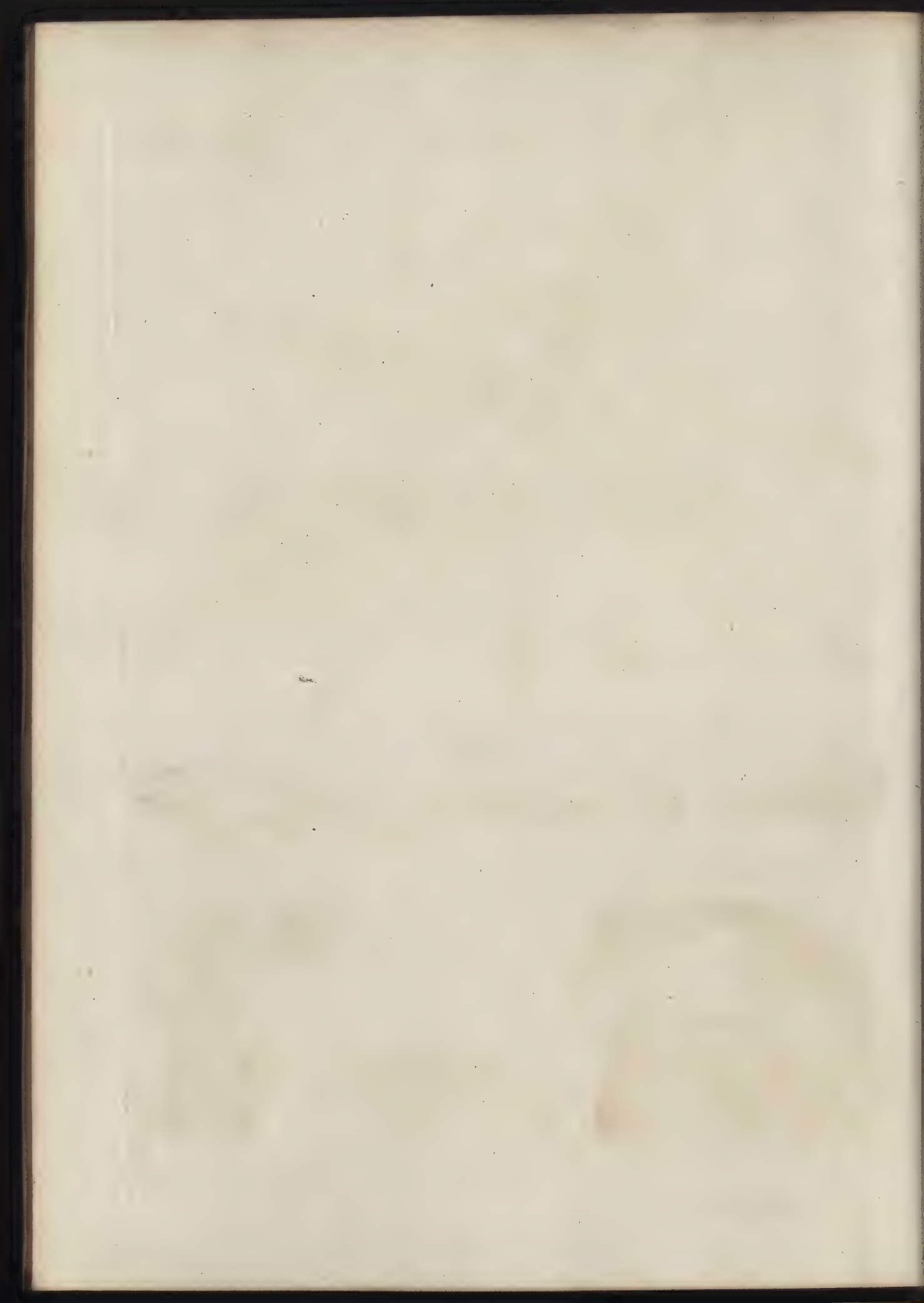
M. didactyla.



M. tetractyla.



Ad Bell. Prin. Wal. Sculptor. fecit.



NAVIGATION.

Plate CCCXXXVII.

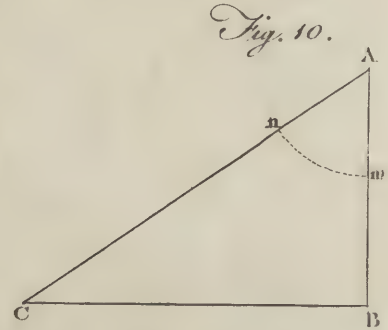
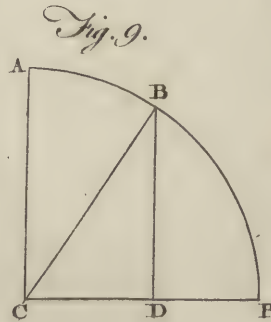
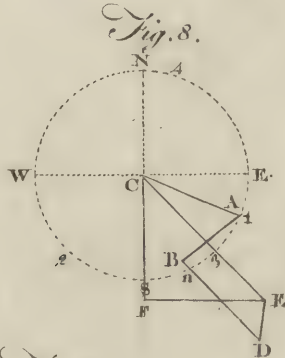
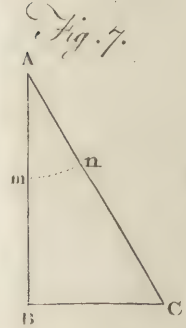
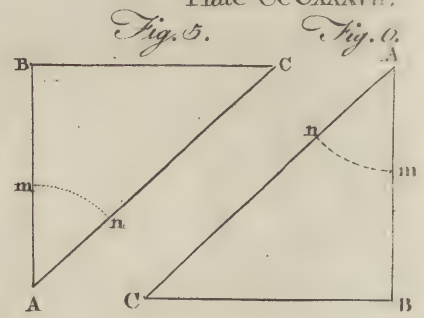
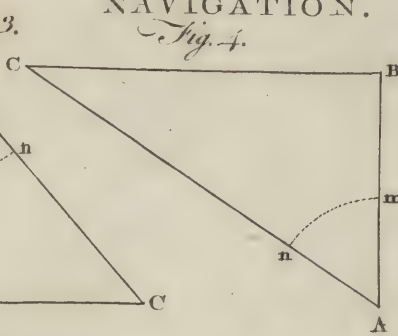
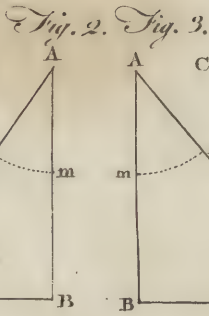
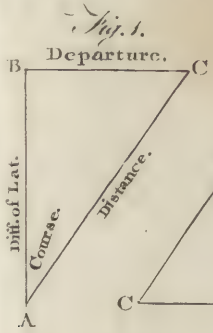


Fig. 11.

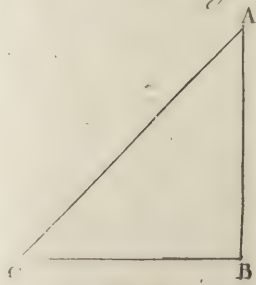


Fig. 12.

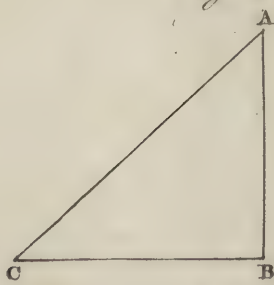


Fig. 13.

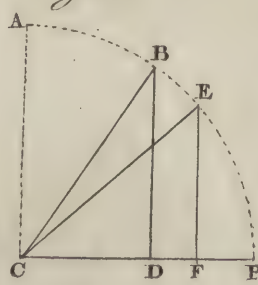


Fig. 14.

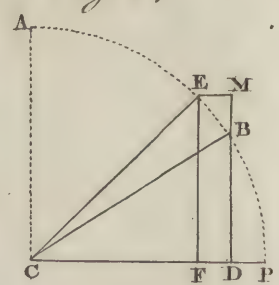


Fig. 15.

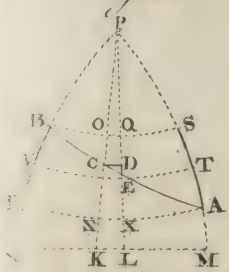


Fig. 16.

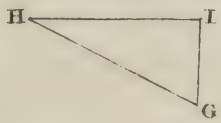


Fig. 17.



Fig. 18.

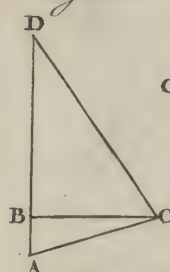


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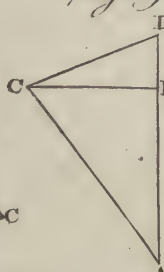


Fig. 20.

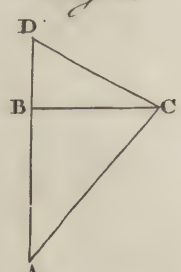


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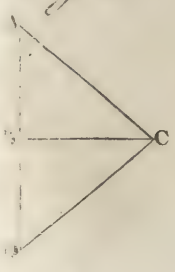


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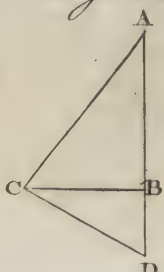


Fig. 23.

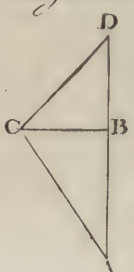


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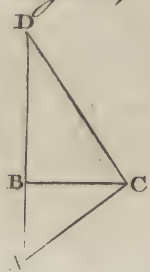


Fig. 25.

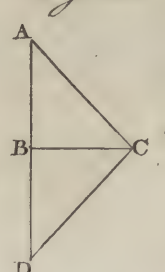


Fig. 26.

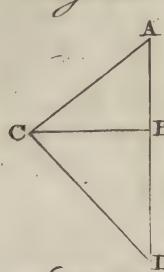
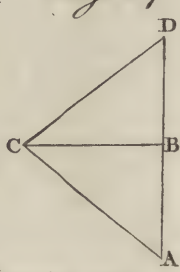


Fig. 27.



A. Bell, Printer at the Author's Office.

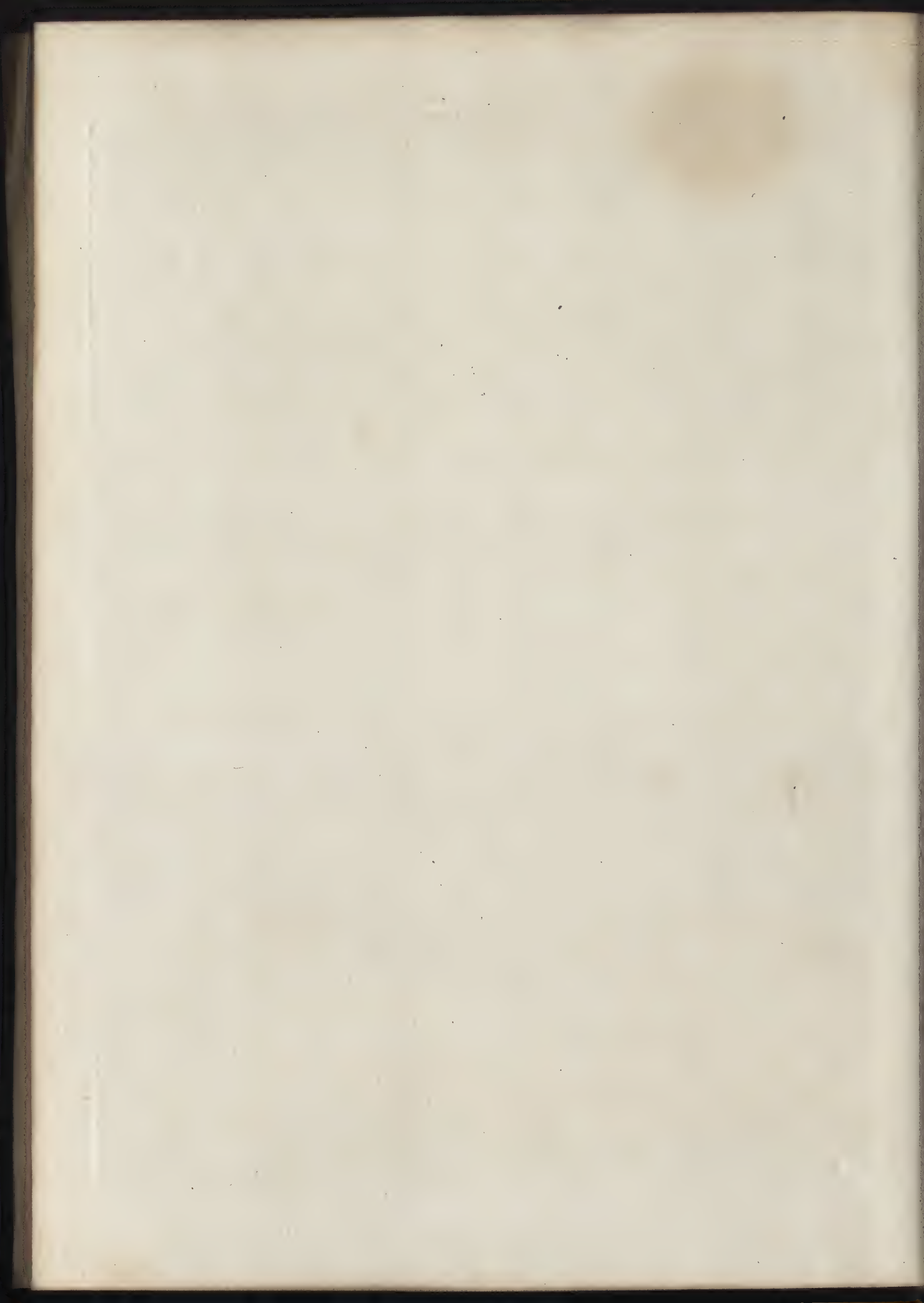


Fig. 28.

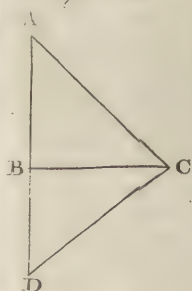


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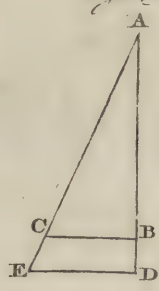


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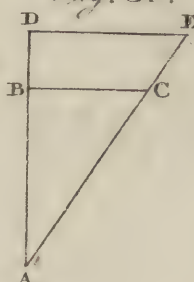


Fig. 31.

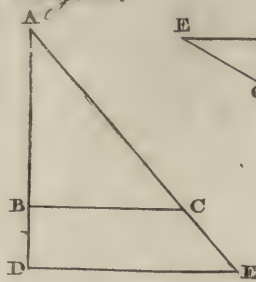


Fig. 32.

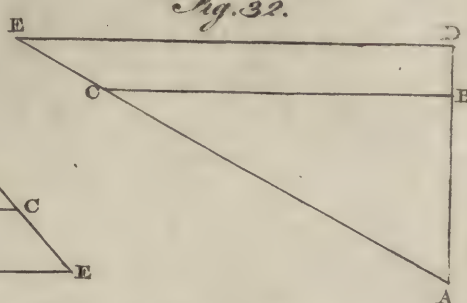


Fig. 33.

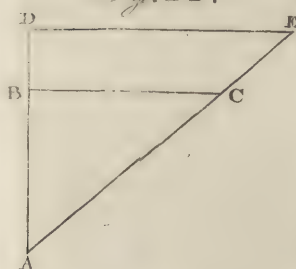


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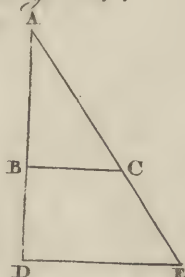


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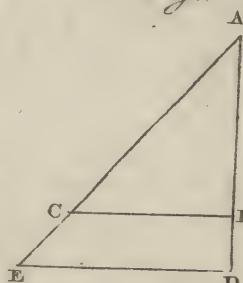


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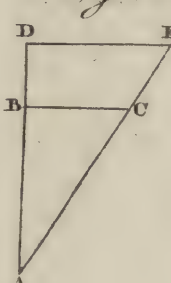


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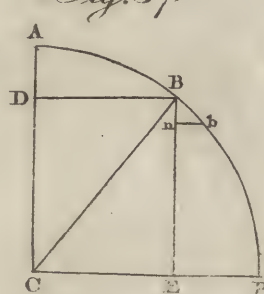


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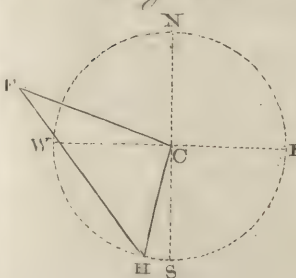


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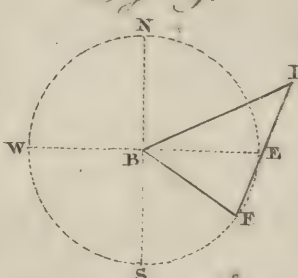


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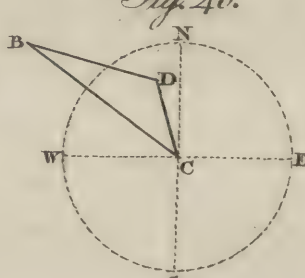


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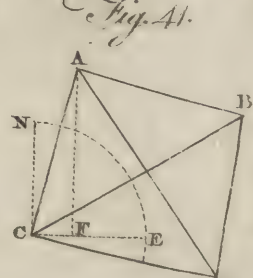


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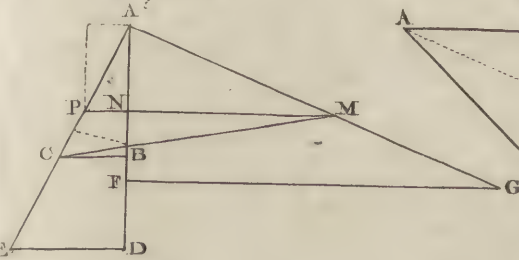


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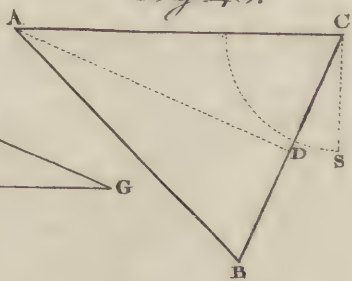


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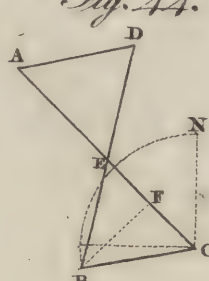


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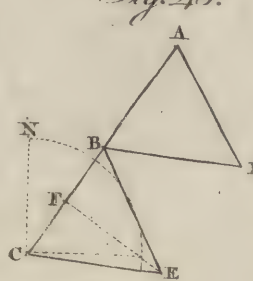


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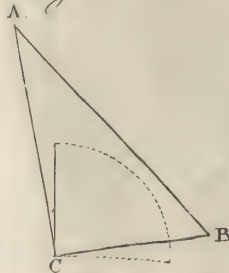


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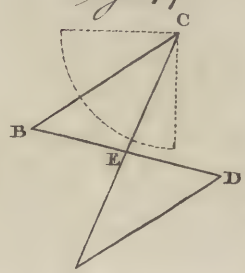


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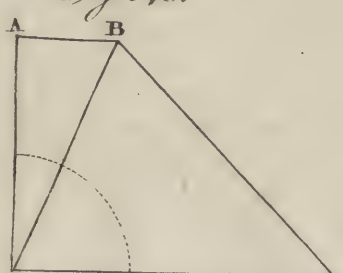
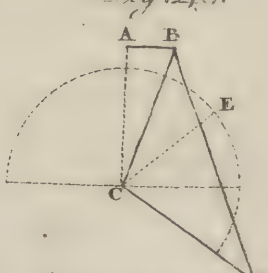


Fig. 49.





NAVIGATION.

Plate CCCXXXIX.

Fig. 50.



Fig. 51.

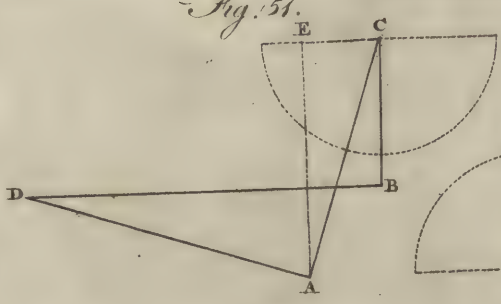


Fig. 52.

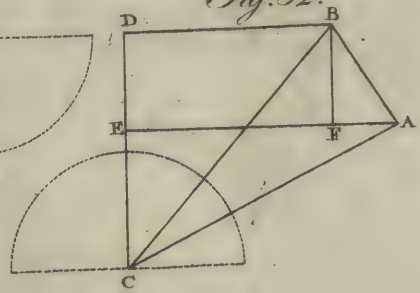


Fig. 53.

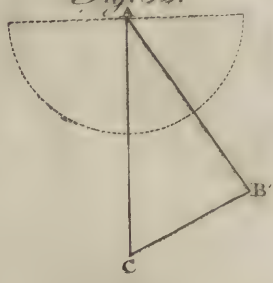


Fig. 54.

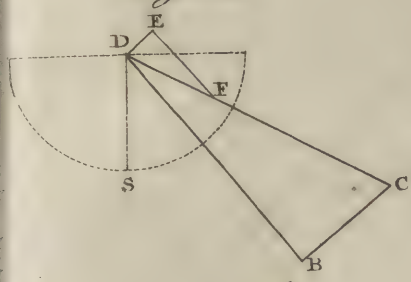


Fig. 55.

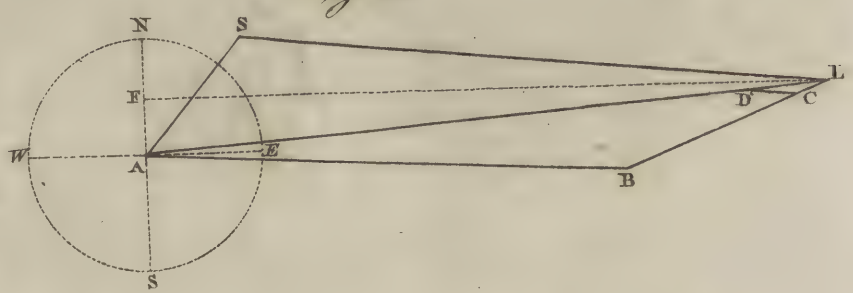


Fig. 56.

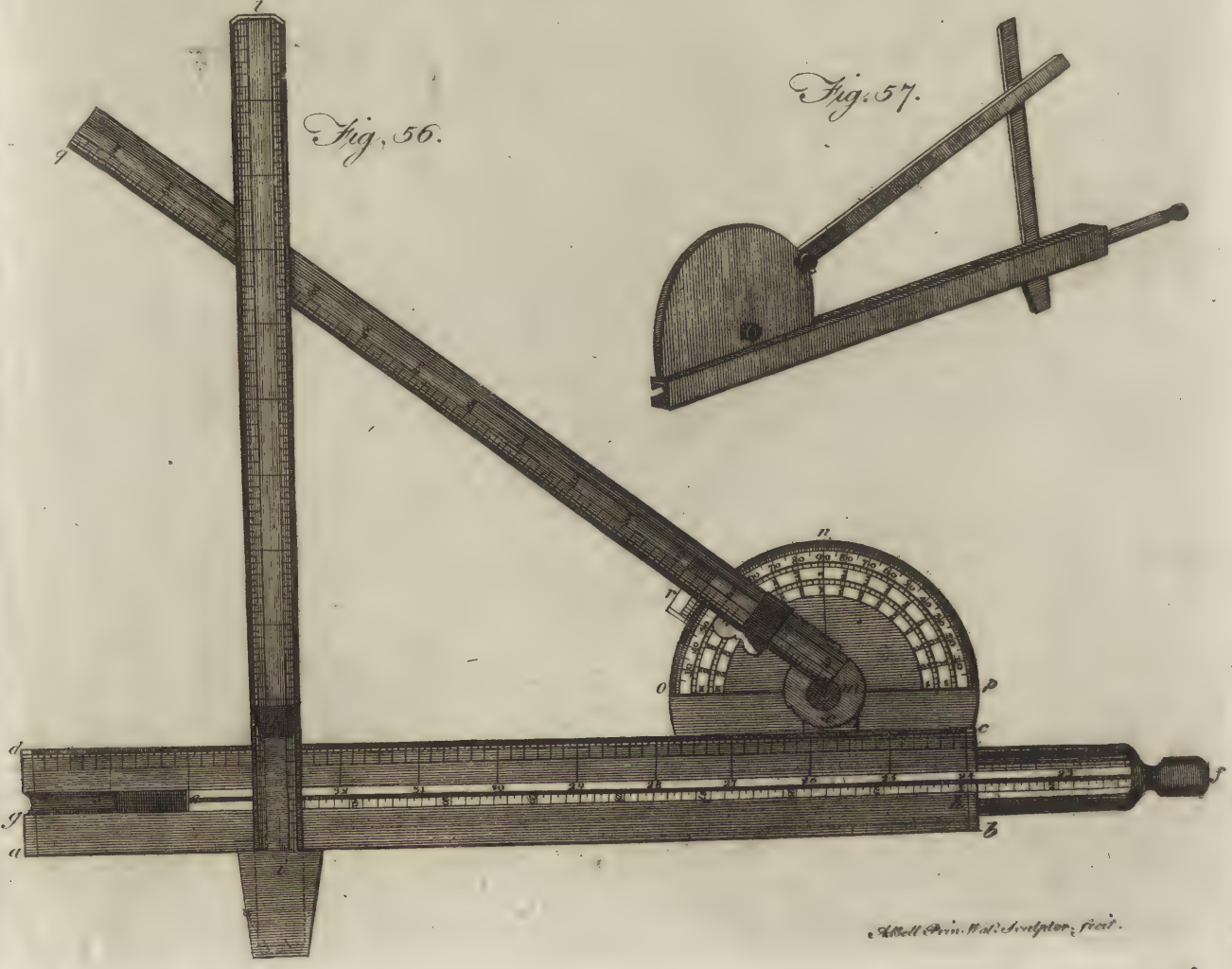
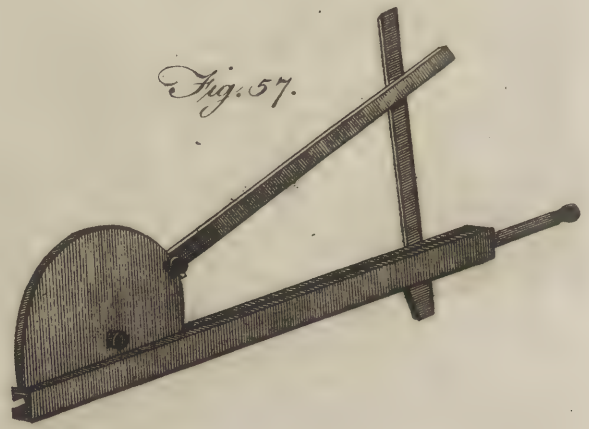


Fig. 57.



W. & A. Smith, Printers, No. 1, St. Paul's Churchyard, London.

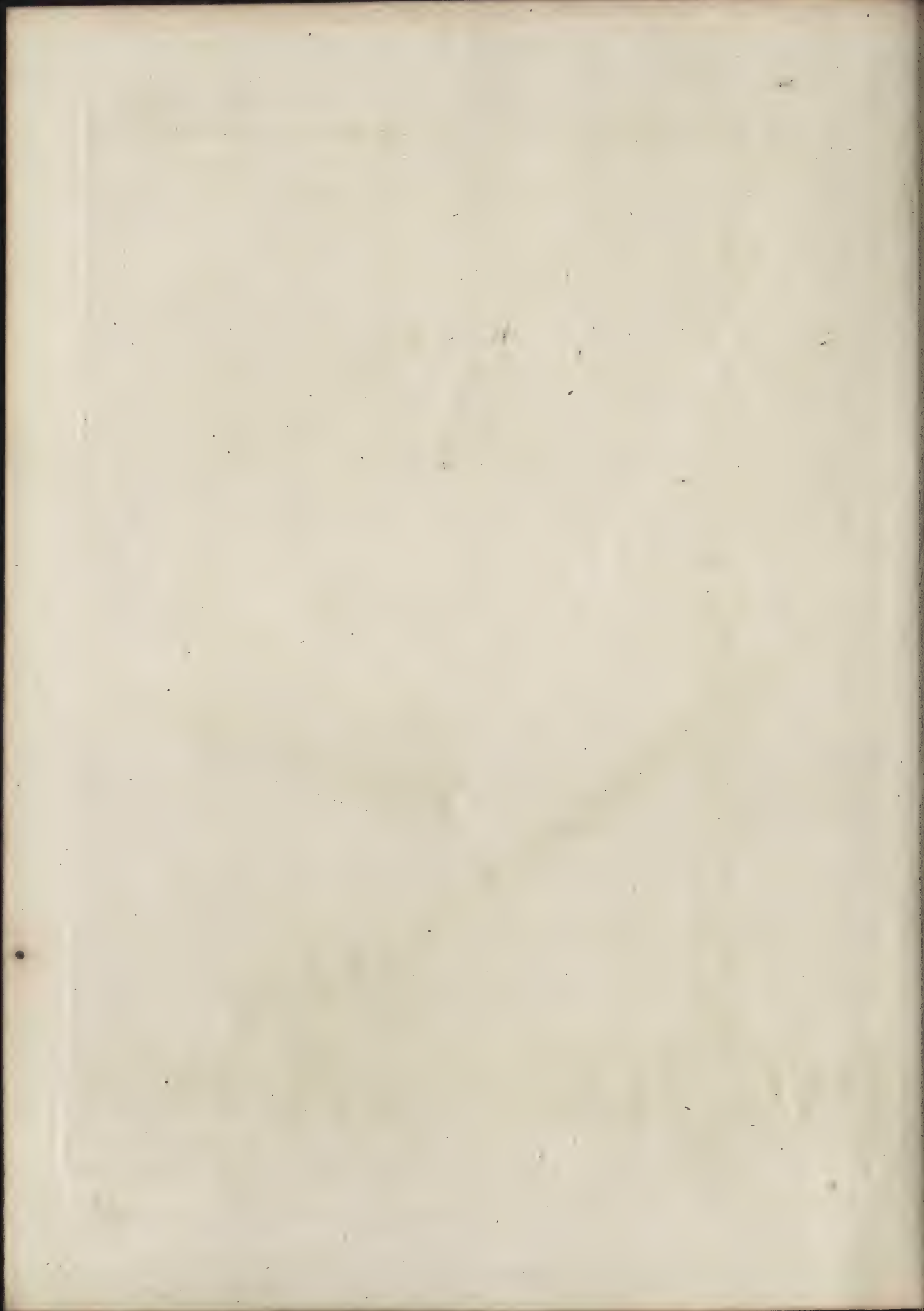
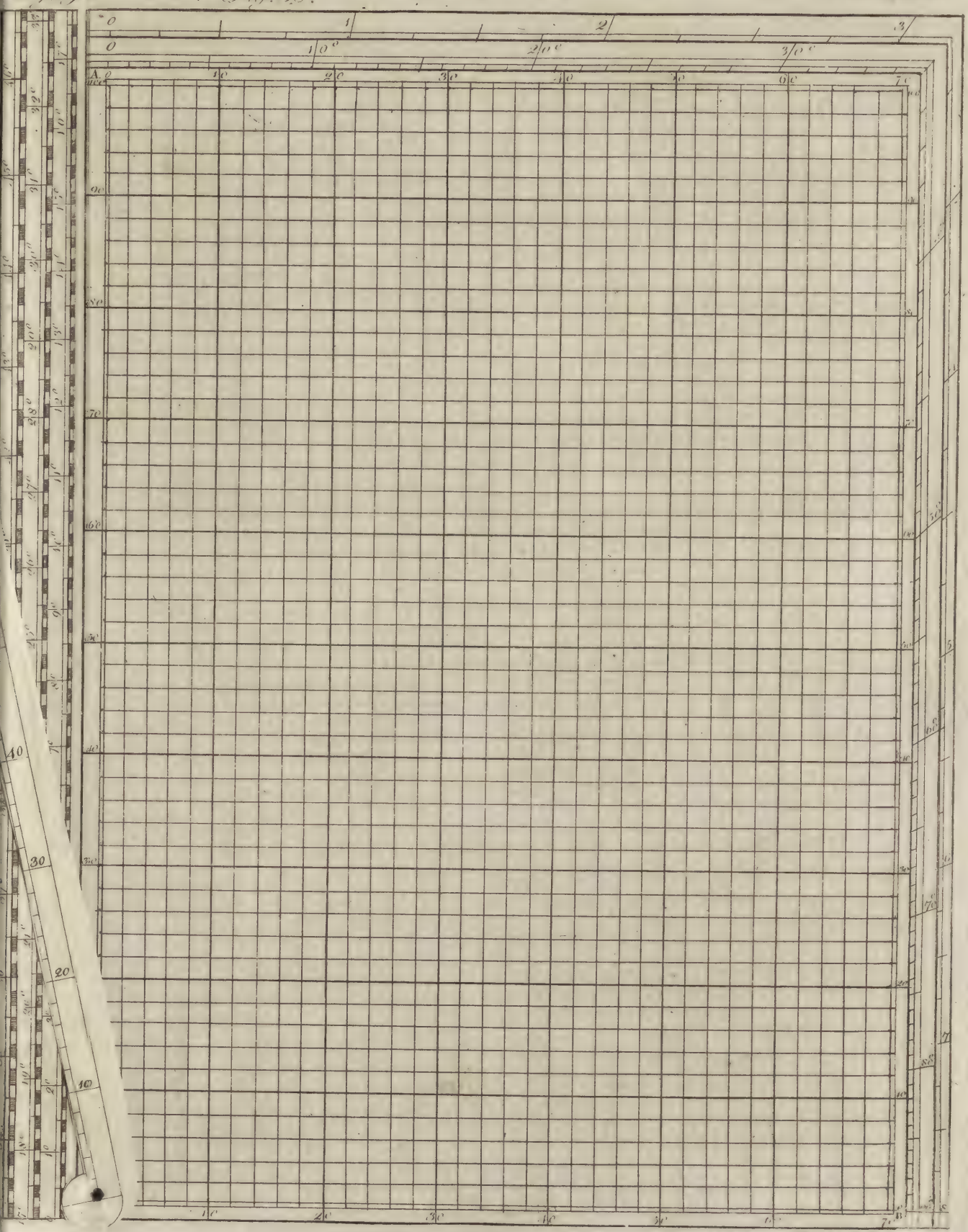


Fig. 59

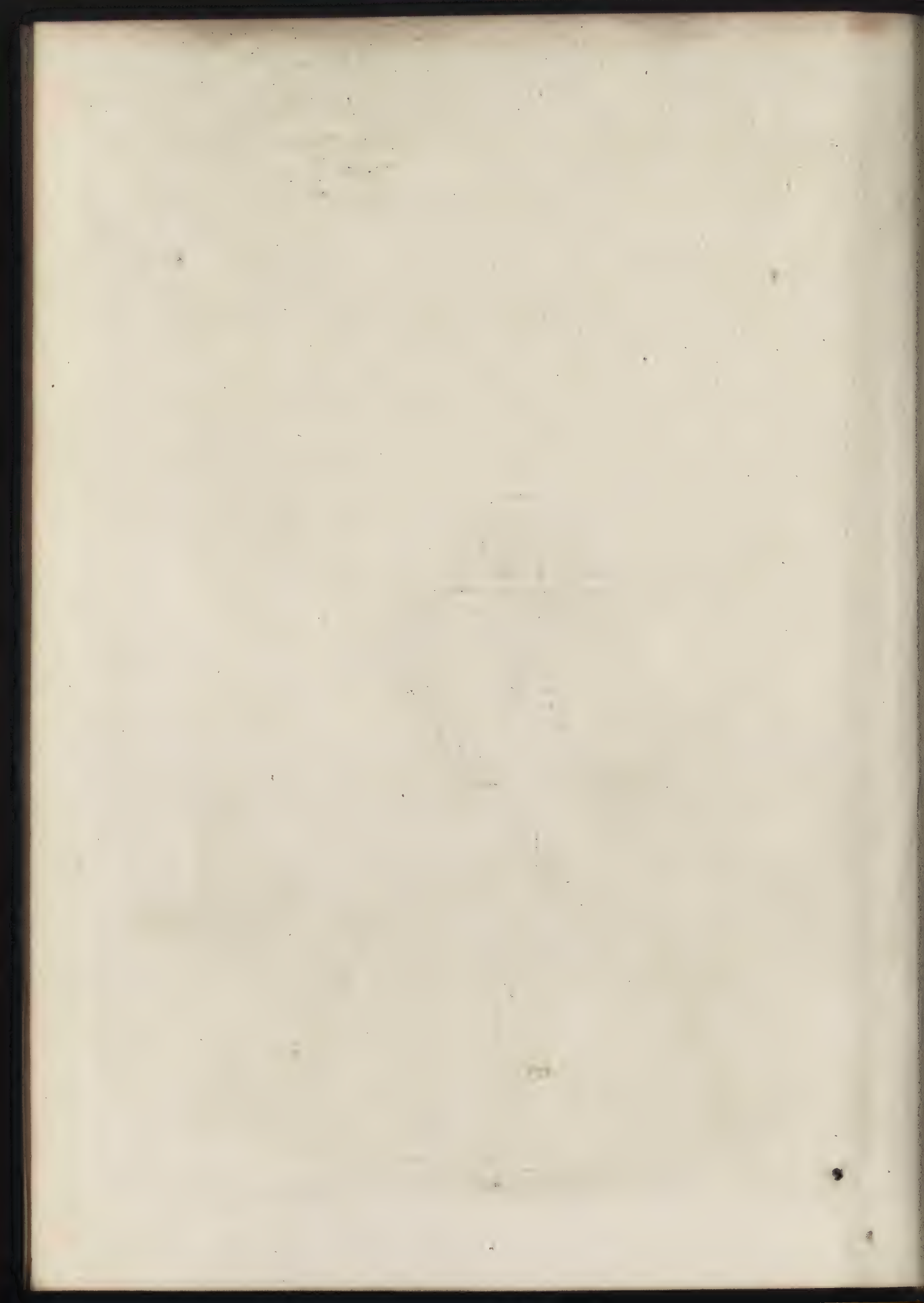
Fig. 58.

NAVIGATION.

Plate CCCXI.



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NAVIGATION.

Plate CCCXII

Fig. 60.

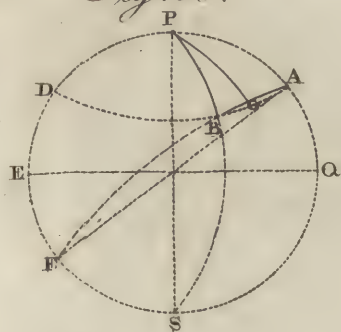


Fig. 61.

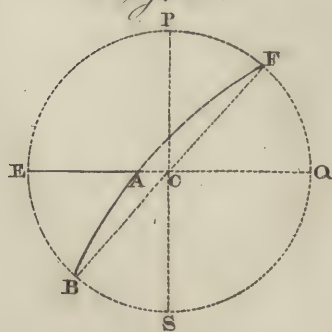


Fig. 62.

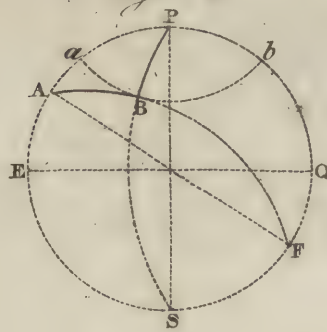


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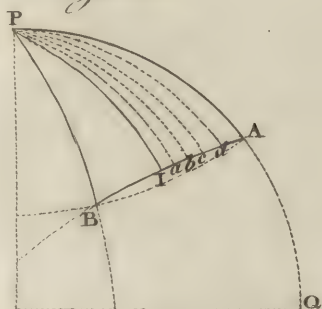


Fig. 65.

Fig. 64.

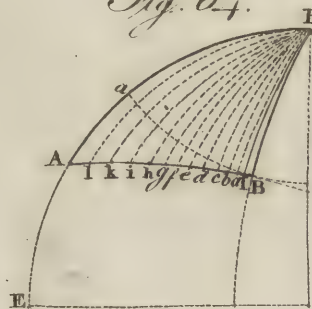


Fig. 66.

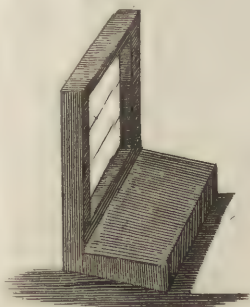
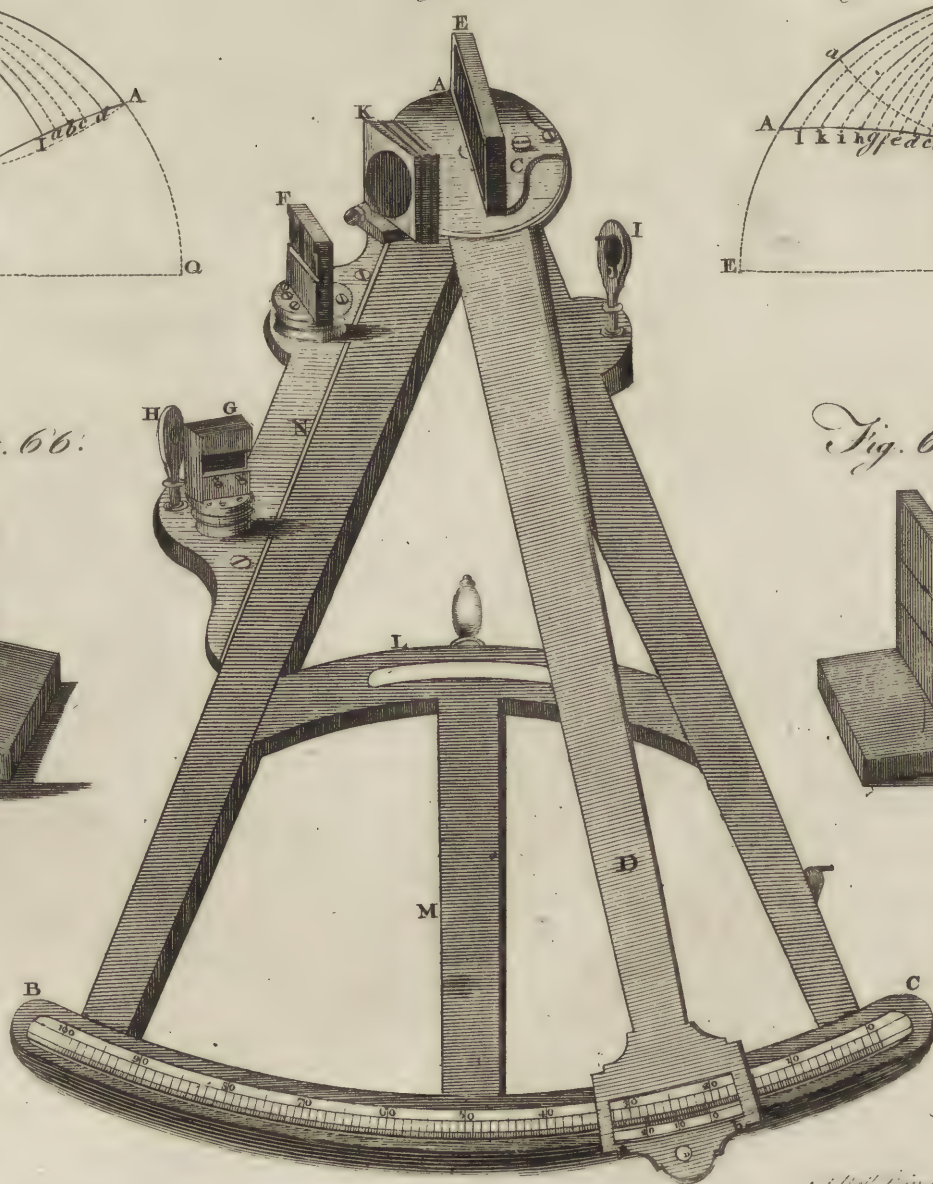
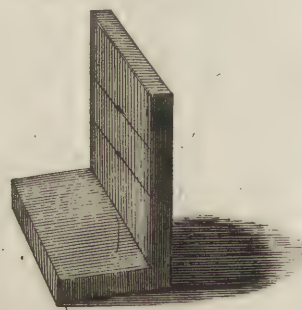


Fig. 67.



J. Bird, Instrument and Sculpture

Fig. 68.

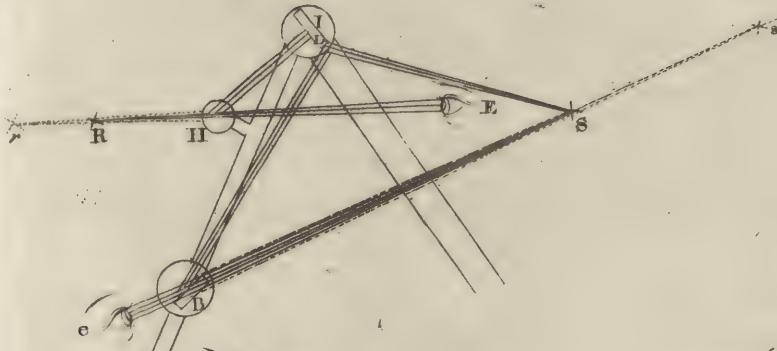


Fig. 70.

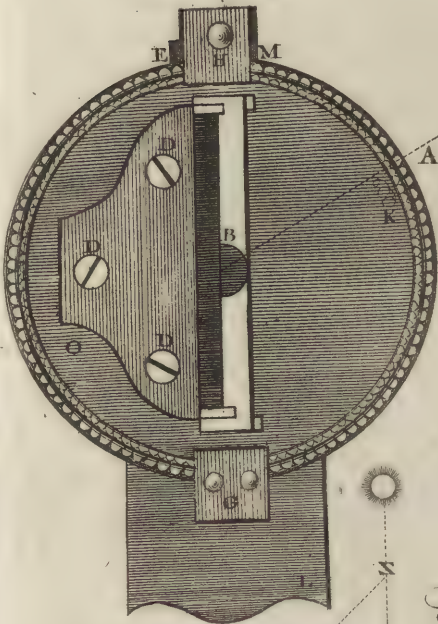


Fig. 73.

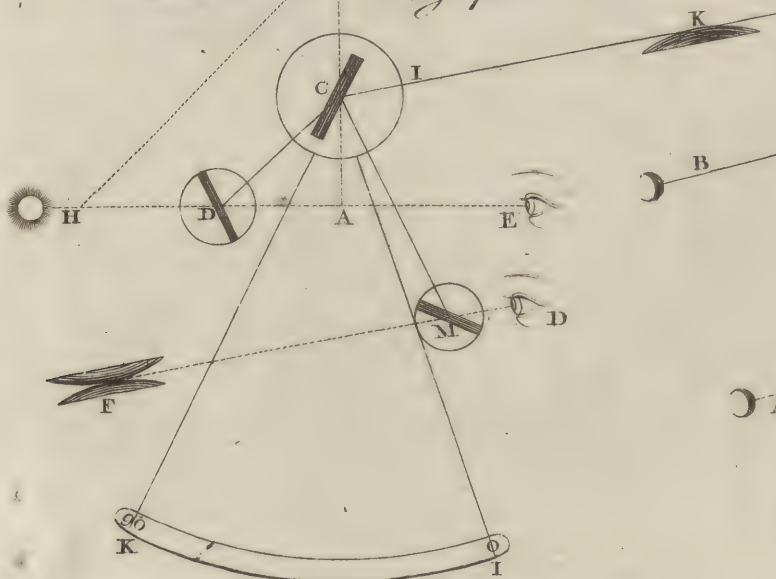


Fig. 69.

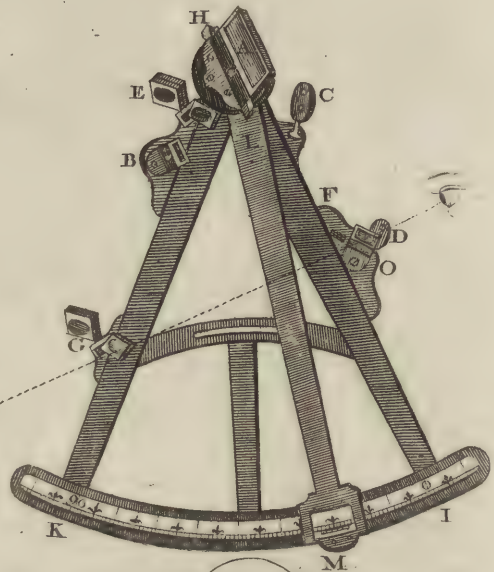


Fig. 71.

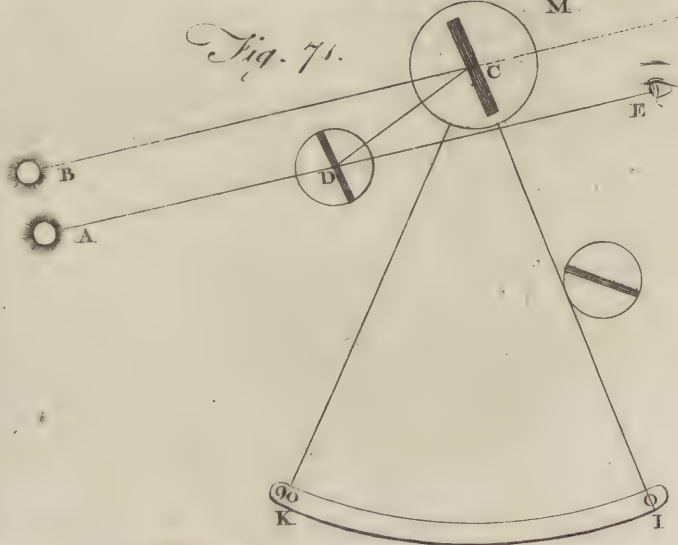
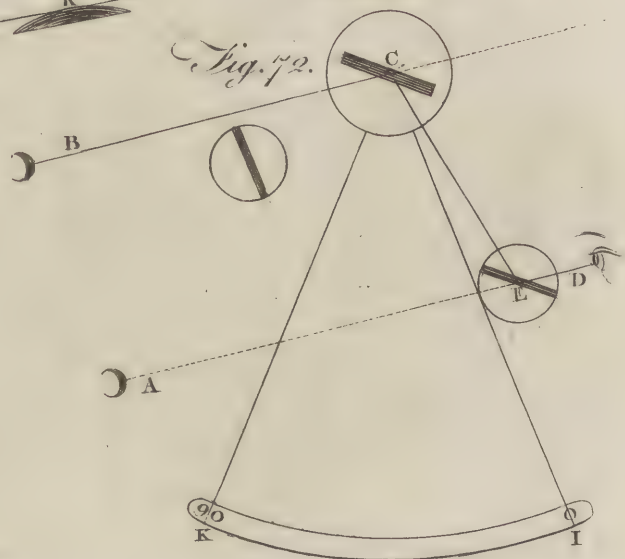


Fig. 72.



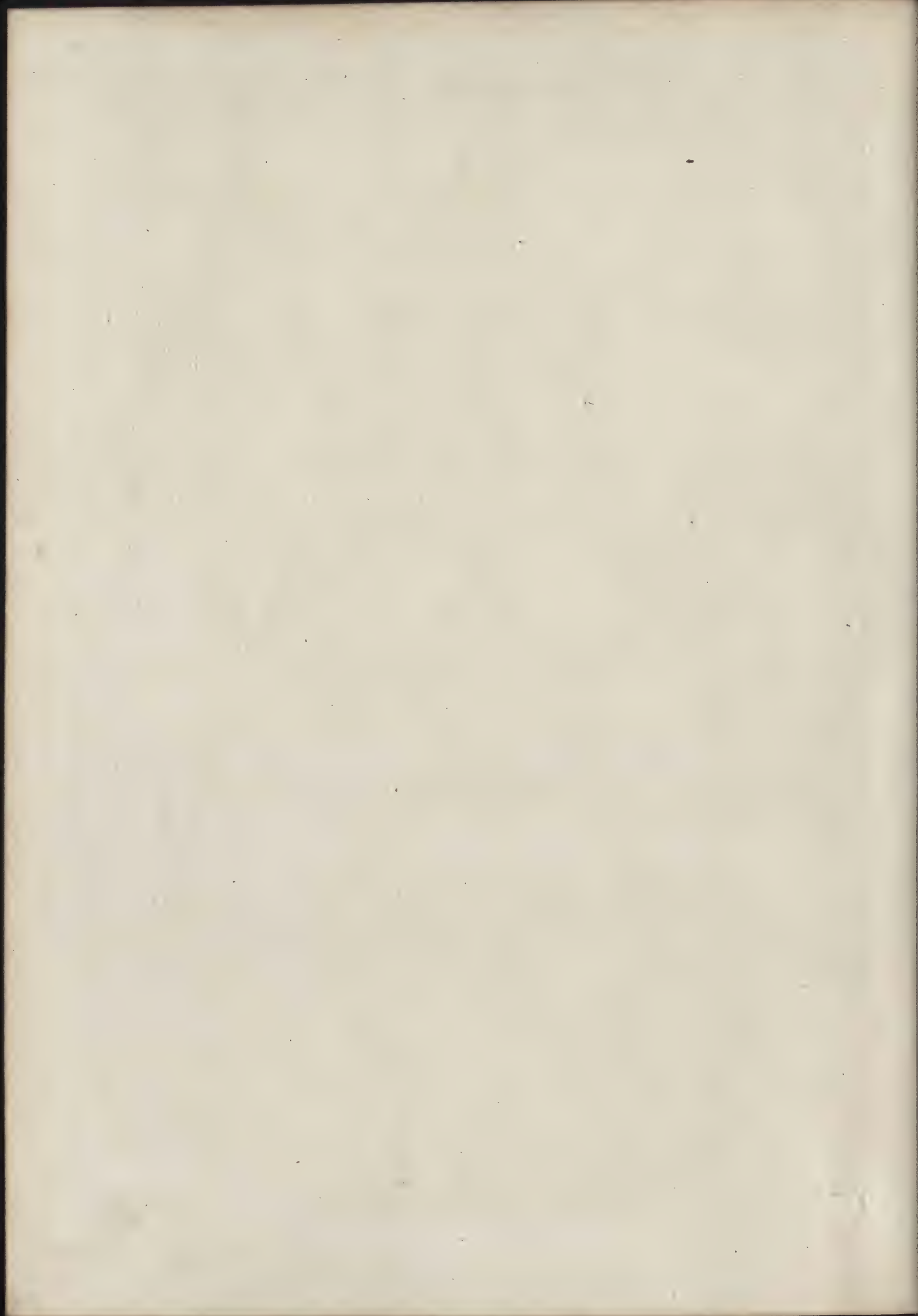


Fig. 75.



Fig. 74.

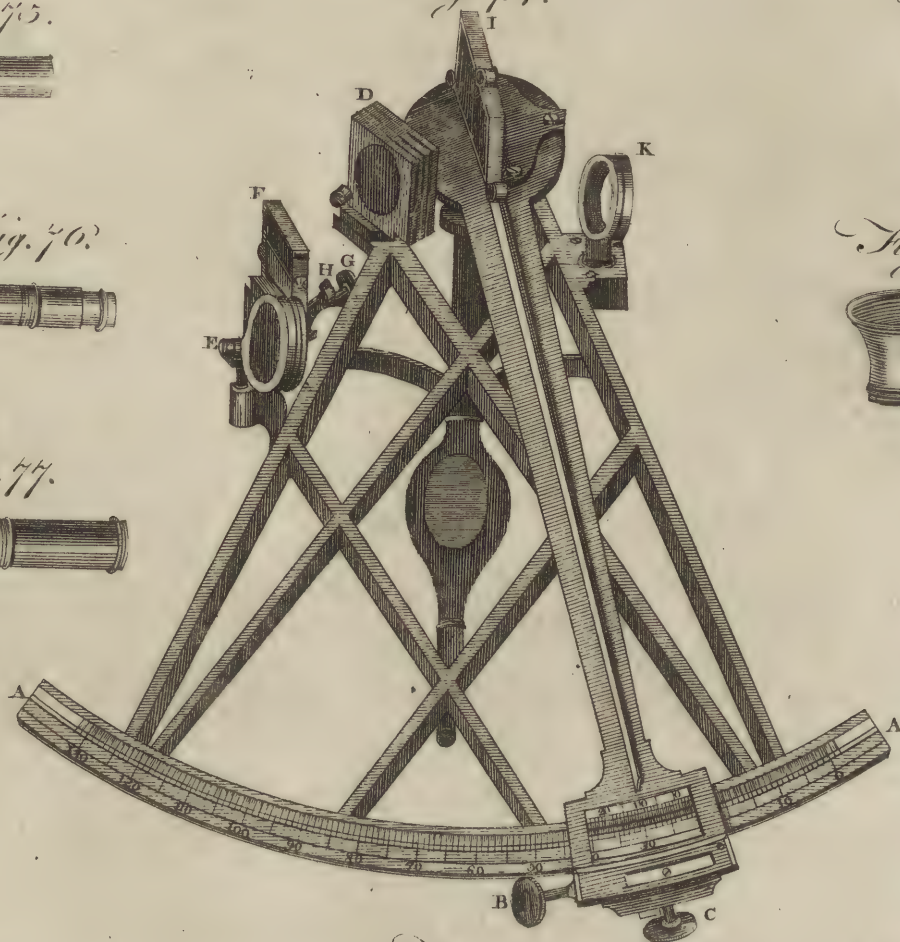


Fig. 78.



Fig. 76.

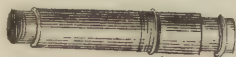


Fig. 79.



Fig. 77.



Fig. 80.



Fig. 83.



Fig. 81.

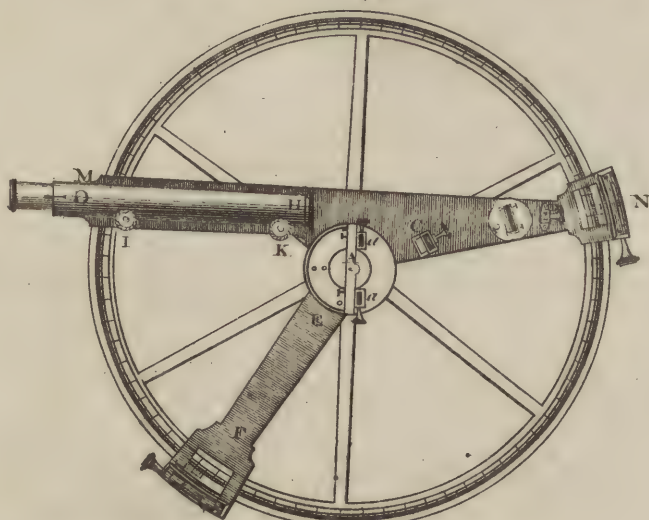


Fig. 86.



Fig. 84.



Fig. 87.



Fig. 85.

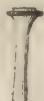


Fig. 88.



Fig. 89.

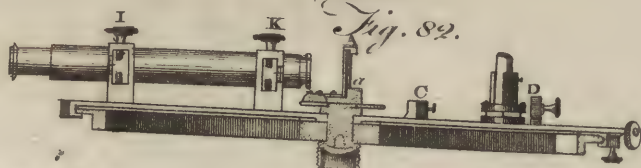




Fig. 1.

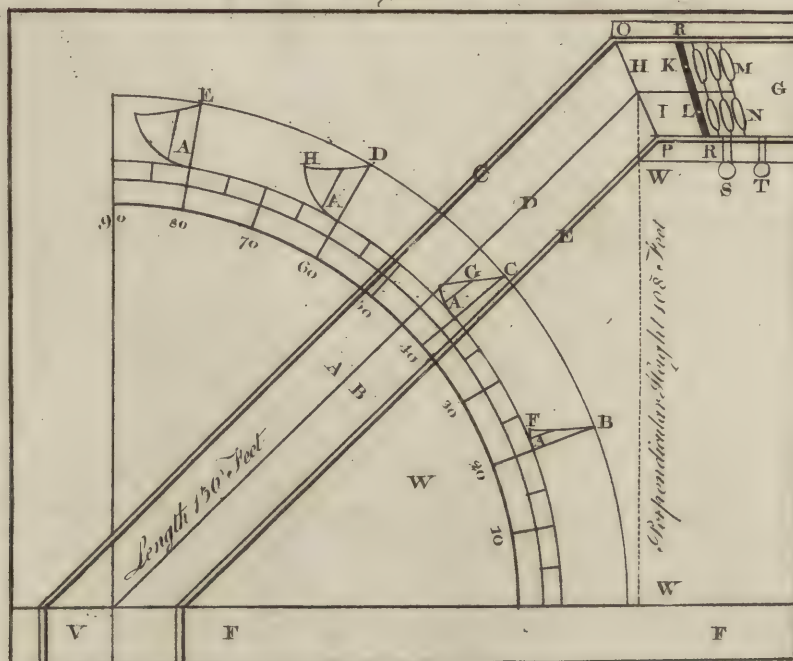


Fig. 2.

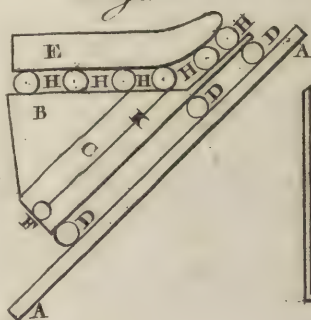


Fig. 3.

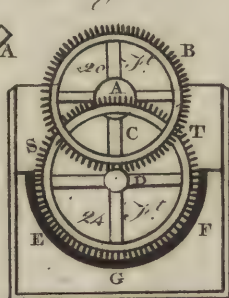


Fig. 4.

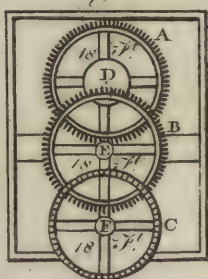
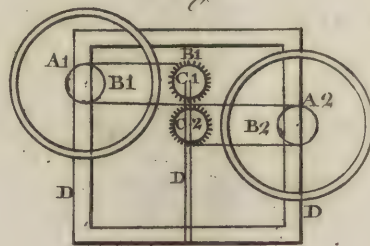


Fig. 5.



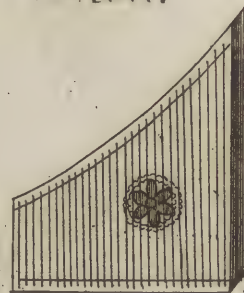
Napiers Rods.
N^o 1.

1	1	2	3	4	5	6	7	8	9	0
2	2	4	6	8	10	12	14	16	18	0
3	3	6	9	12	15	18	21	24	27	0
4	4	8	12	16	20	24	28	32	36	0
5	5	10	15	20	25	30	35	40	45	0
6	6	12	18	24	30	36	42	48	54	0
7	7	14	21	28	35	42	49	56	63	0
8	8	16	24	32	40	48	56	64	72	0
9	9	18	27	36	45	54	63	72	81	0

N^o 2

1	4	7	6	8
2	8	14	12	16
3	12	21	18	24
4	16	28	24	32
5	20	35	30	40
6	24	42	36	48
7	28	49	42	56
8	32	56	48	64
9	36	63	54	72

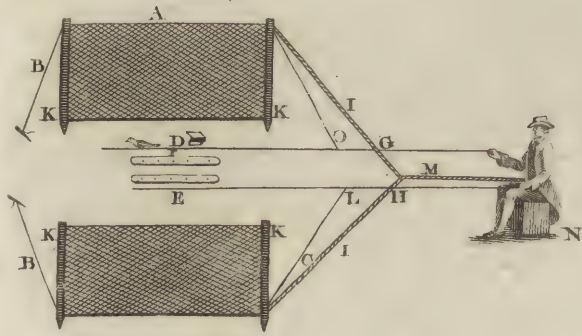
Nebel.



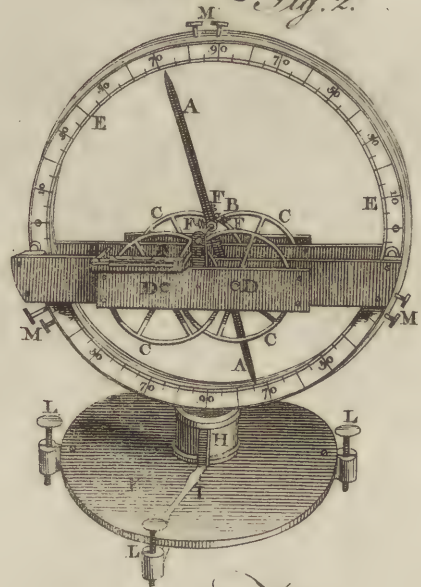
A. Bell's Prin. Mat. Sculptor's post.



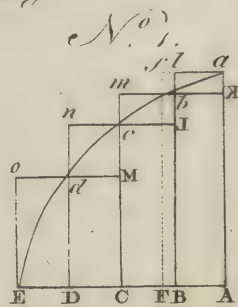
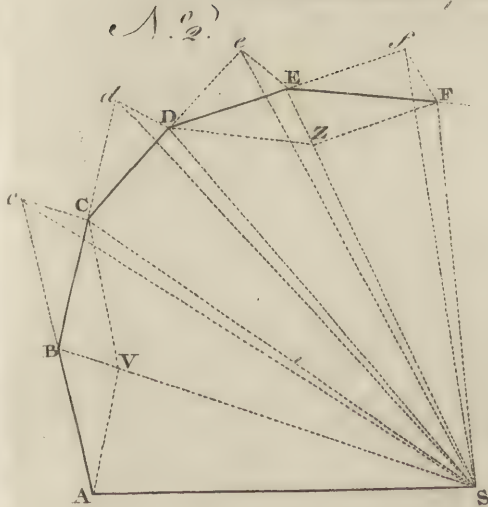
Day & Nett.



Dipping Needle.
Fig. 2.



Newtonian philosophy.



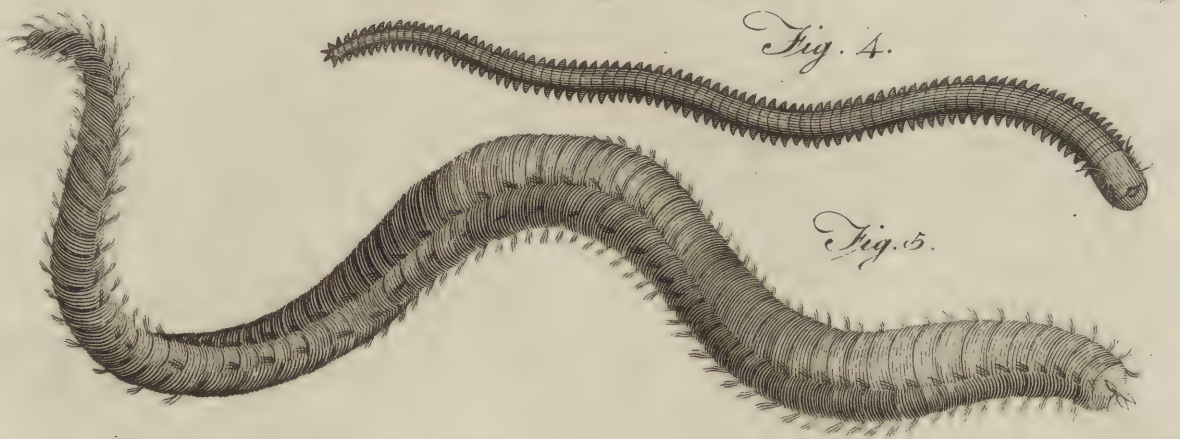
Nereis.
Fig. 1.

Fig. 2.

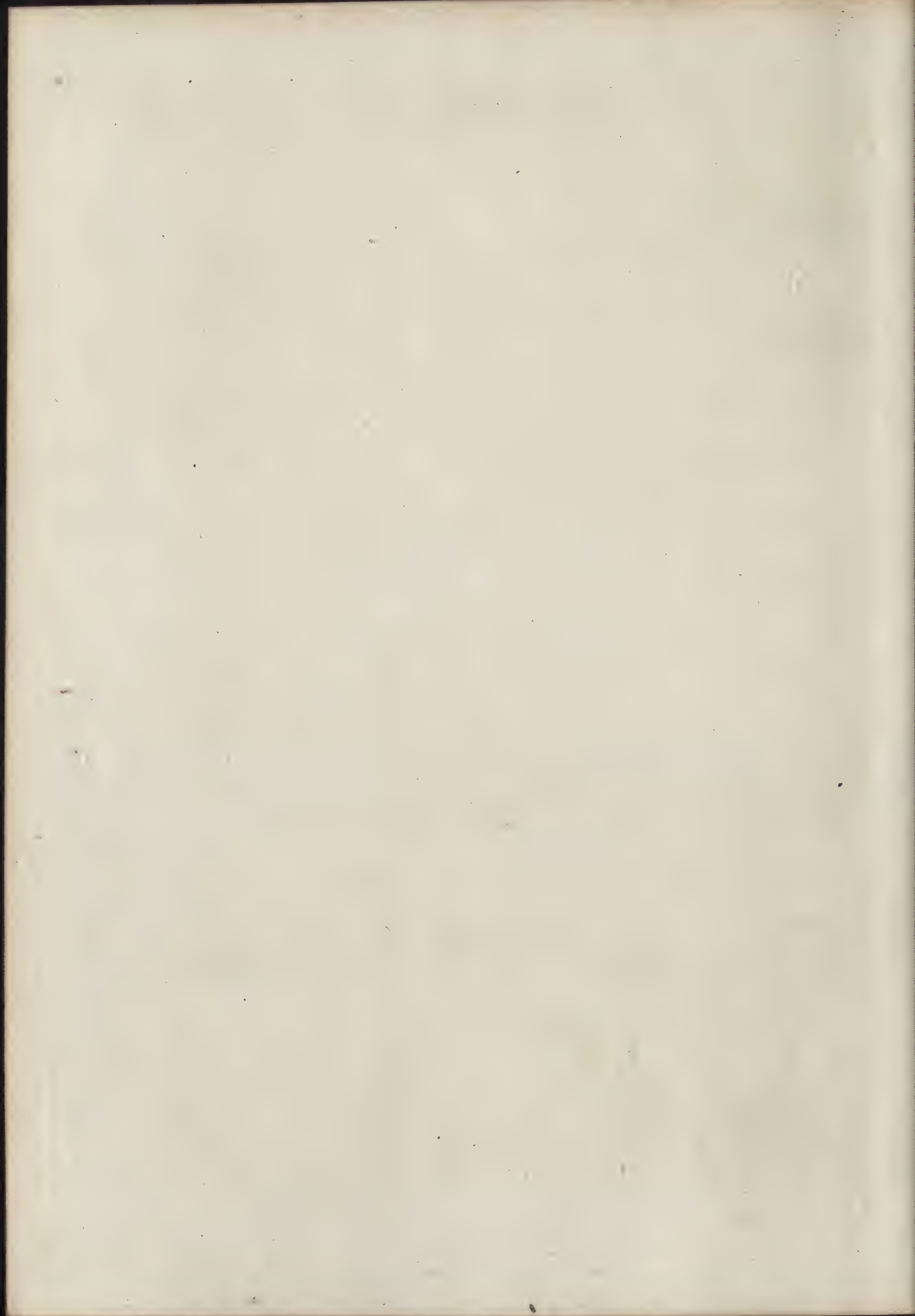
Fig. 3.

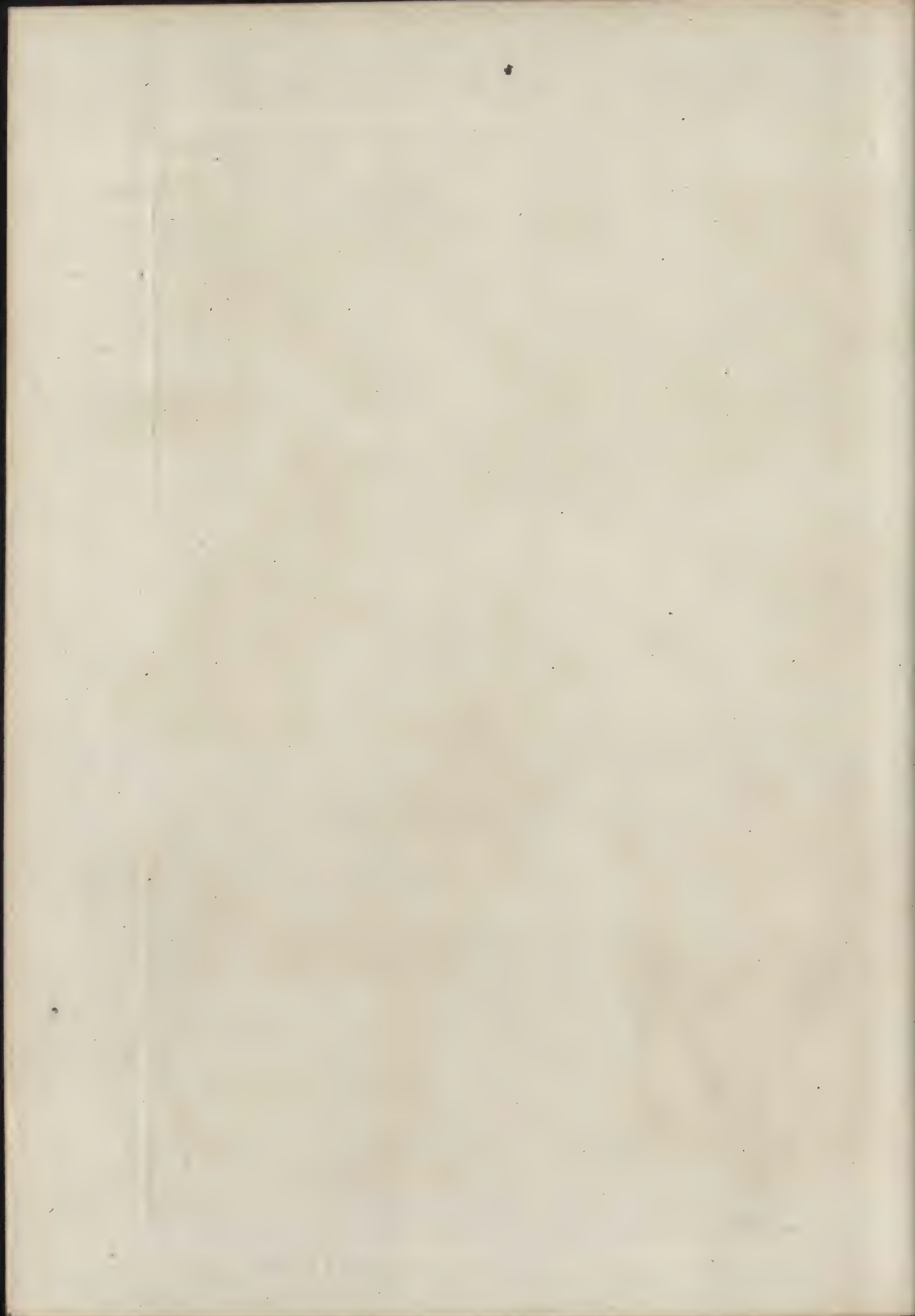
Fig. 4.

Fig. 5.



At Bell's Prin. Nat. Hist. vol. 1. p. 101.

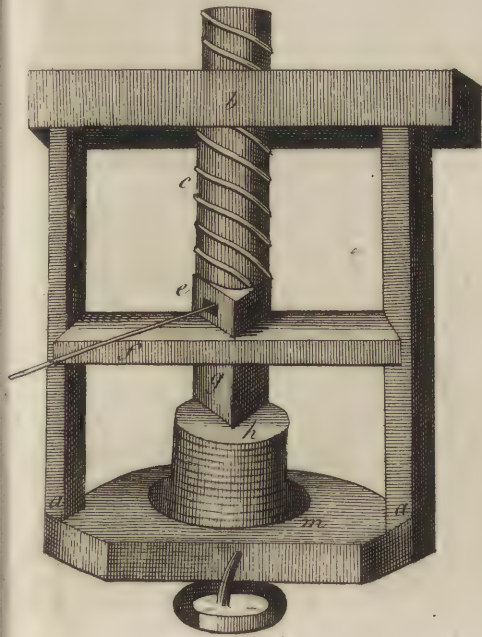




Ceanothus, or Water Dropwort.



Olive Press.



The Nut Cracker.

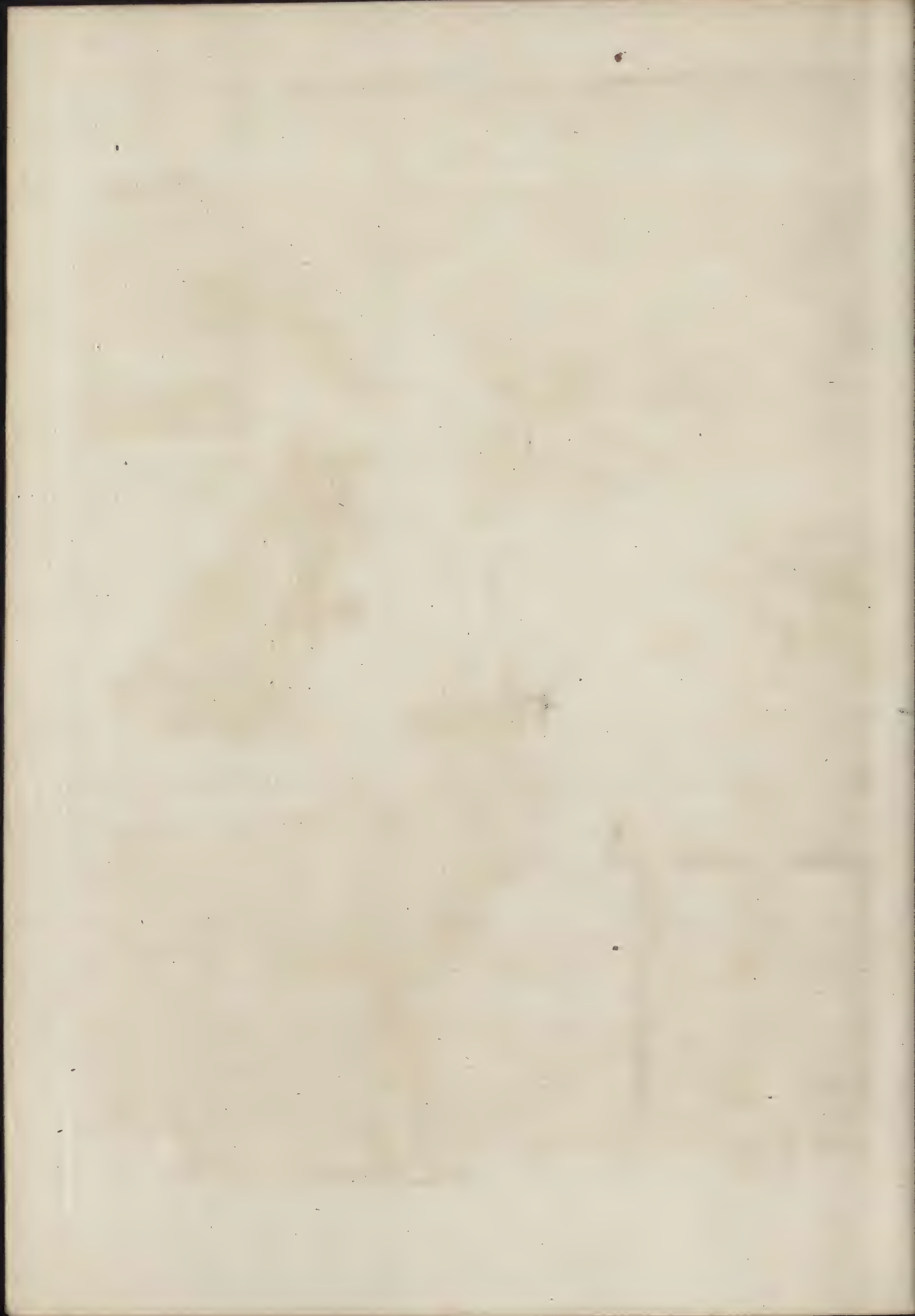


Spotted, or Surinam Nuthatch.



Nyl-Ghau.







A. Bell Pin. H. de Sculptor fecit.

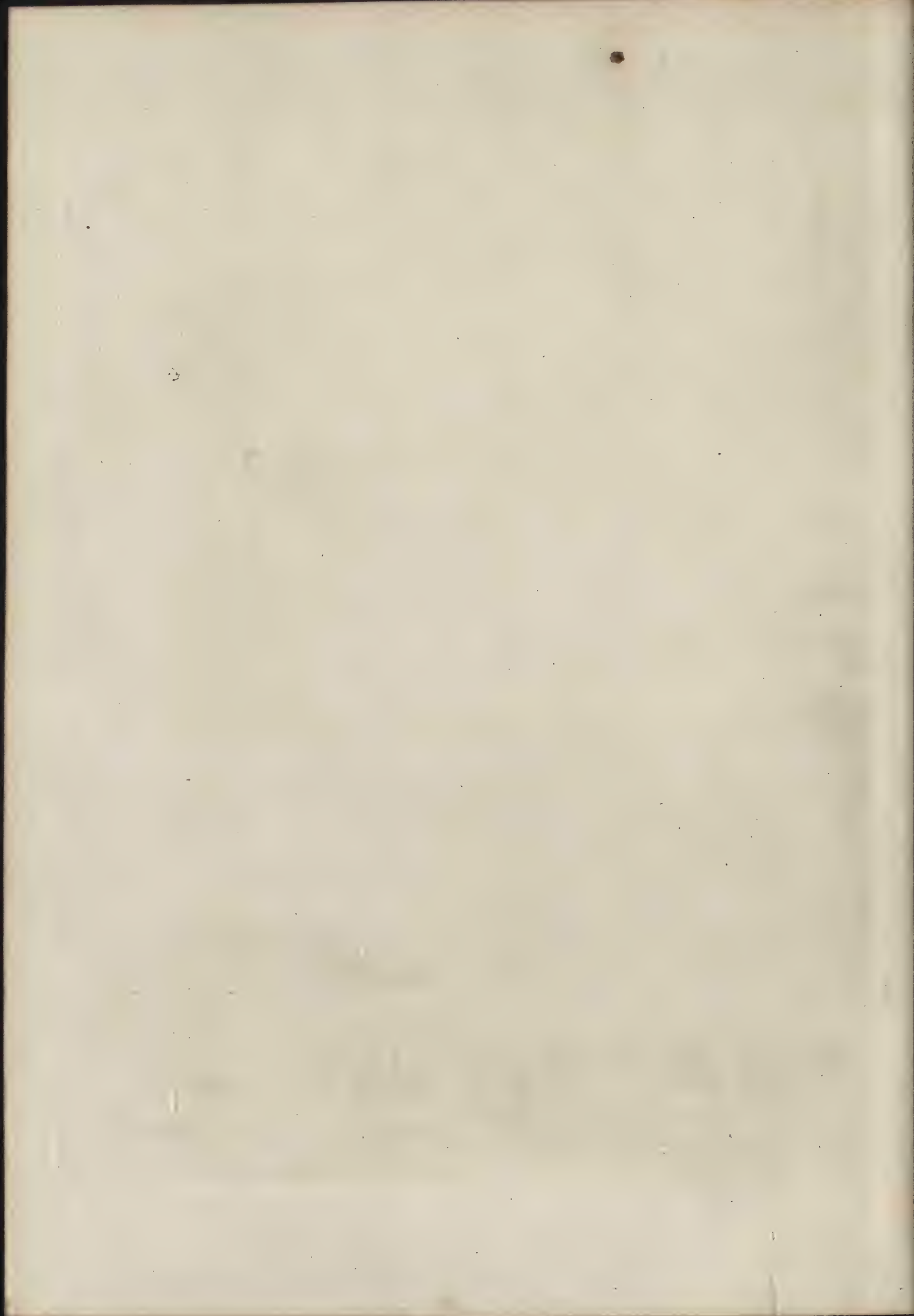


Plate CCCXLIX .

Orchis mascula.



Olea fragrans.



Onisci.



A. Bull. Onisc. aspidiot. f. p. 1.



Sharp-tailed Oriole.



Oestrus.



Baltimore Oriole.



Ocoteoichitl.



Ch. Bell Prim. Malacanthus p. 1.



Opoponax,
a species of *Pastinaca*.



Ophidium barbatum.

Fig. 1.



Fig. 4.

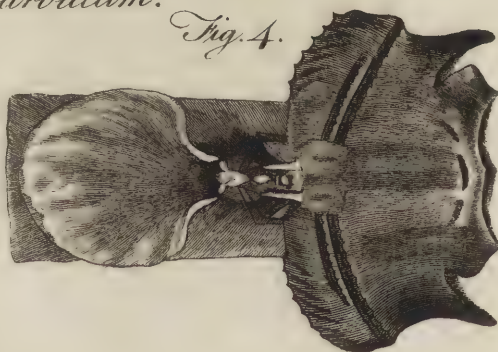


Fig. 5.



Fig. 3.



Fig. 6.



Fig. 2.

Opah.



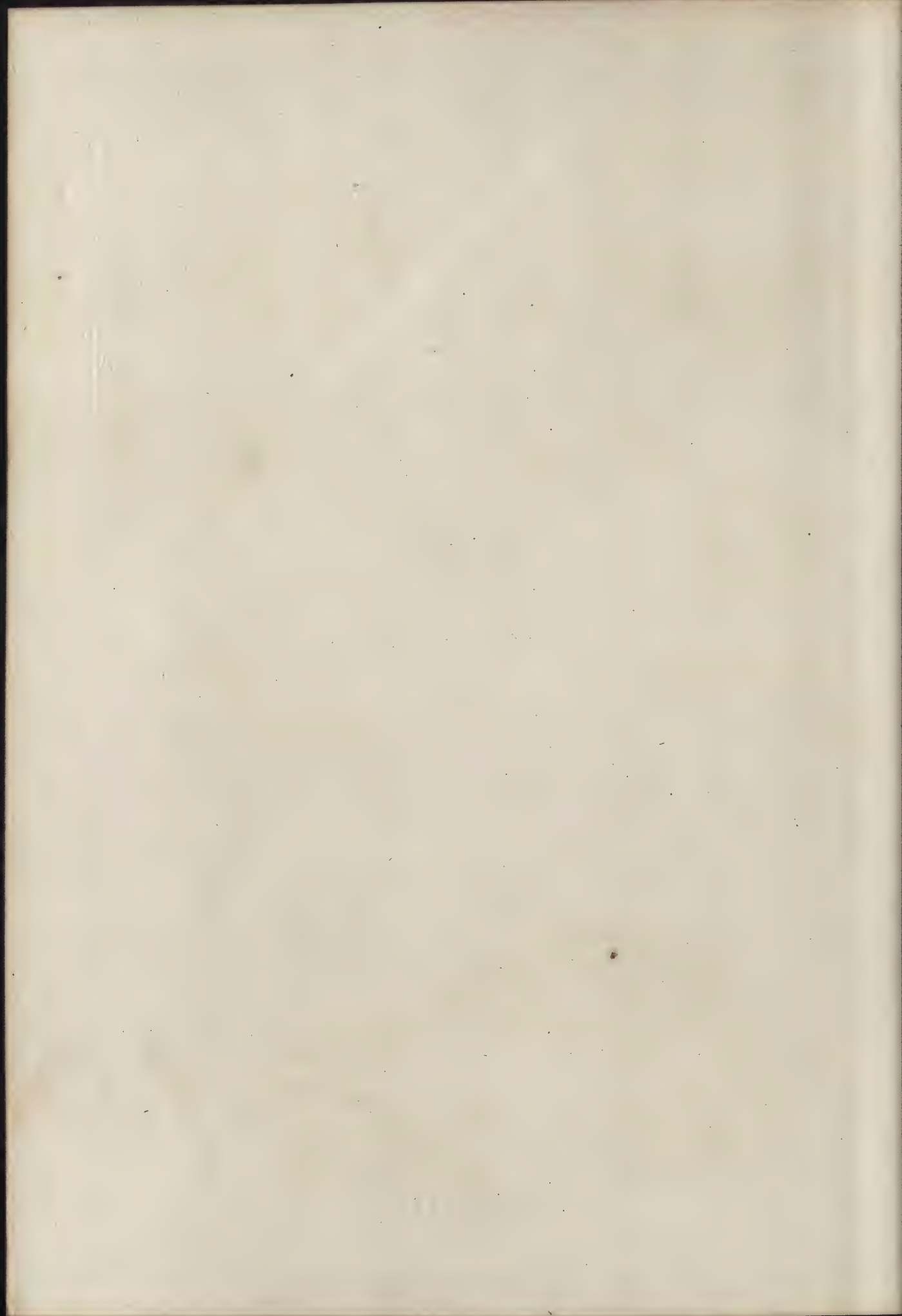


Fig. 1.

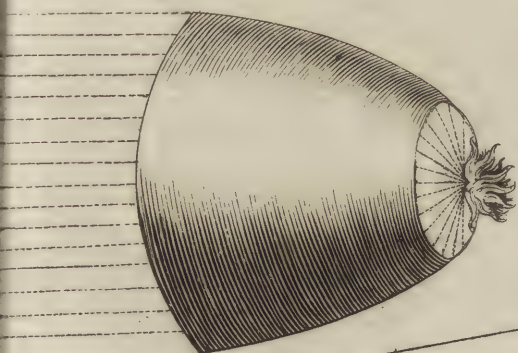


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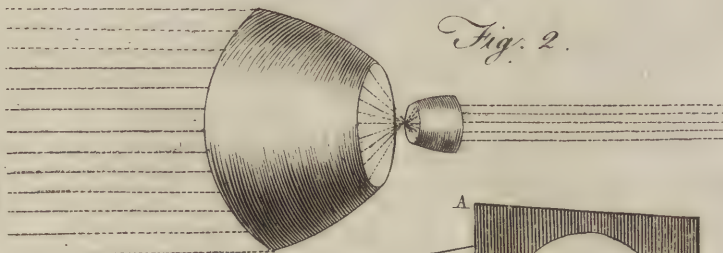


Fig. 7.

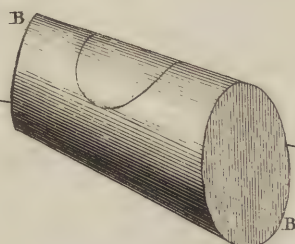


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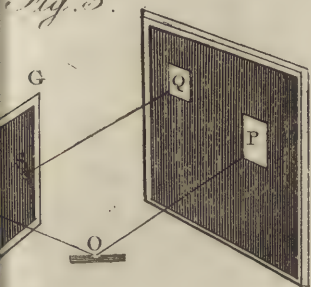


Fig. 10.

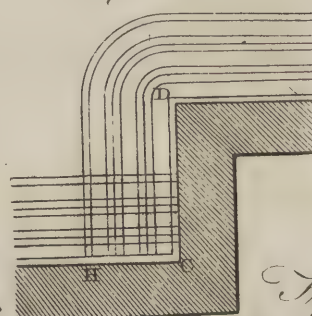


Fig. 4.

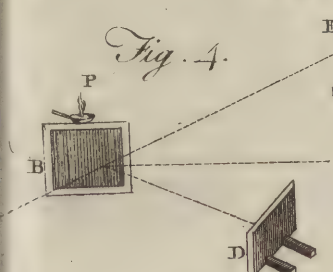


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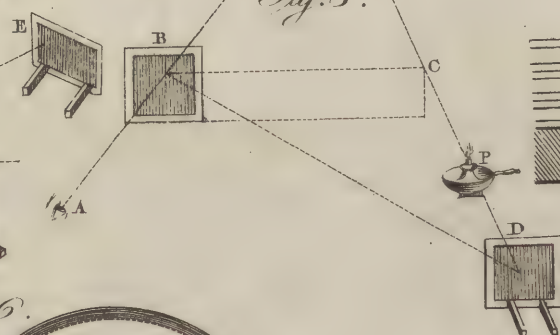


Fig. 9.

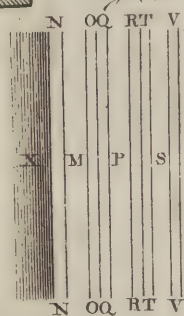


Fig. 6.

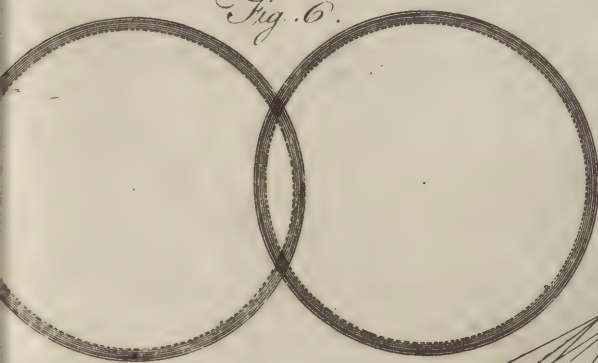


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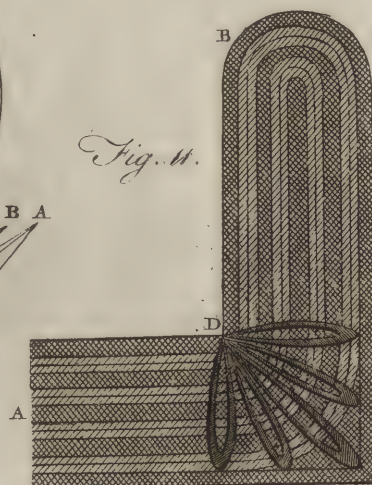
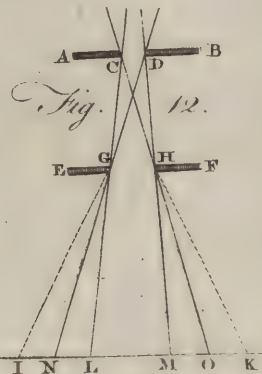


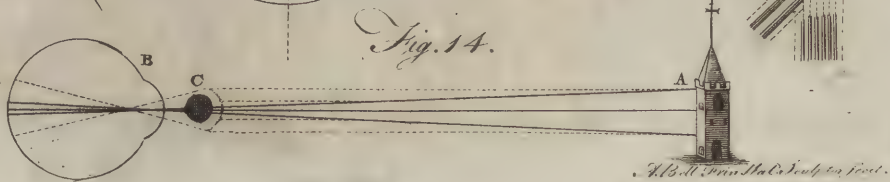
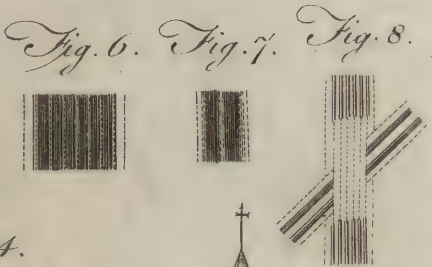
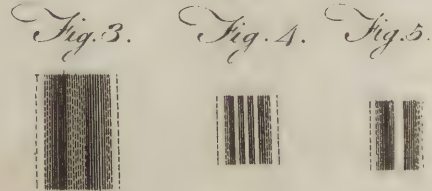
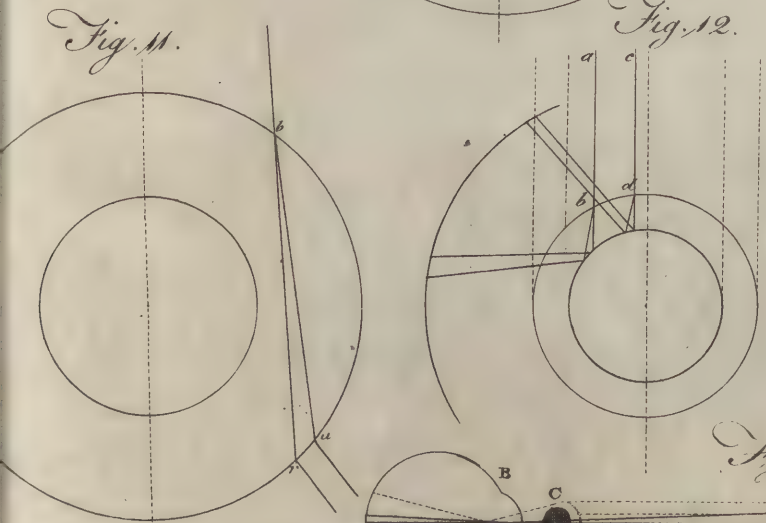
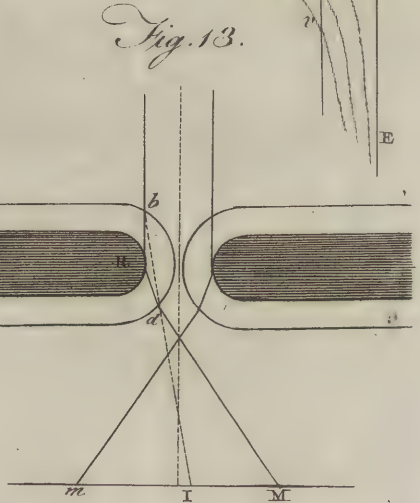
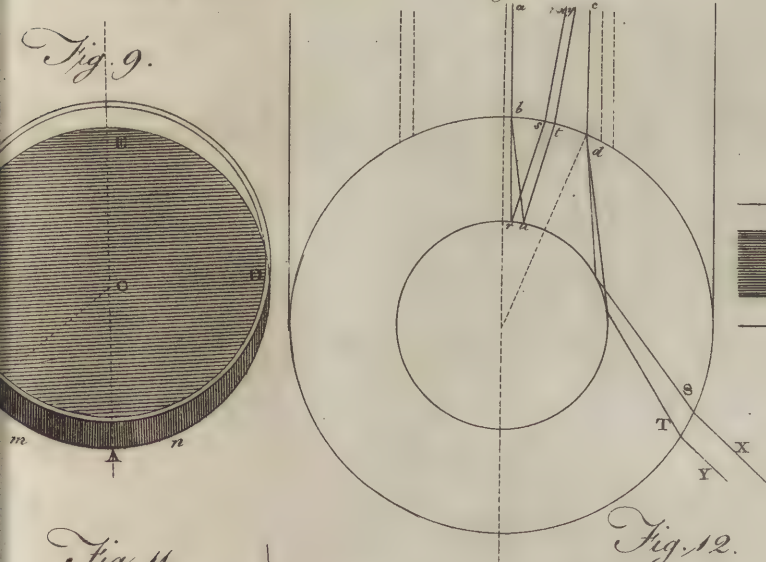
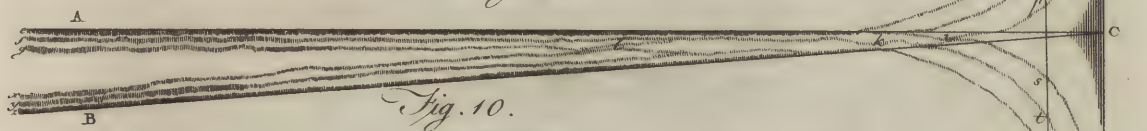
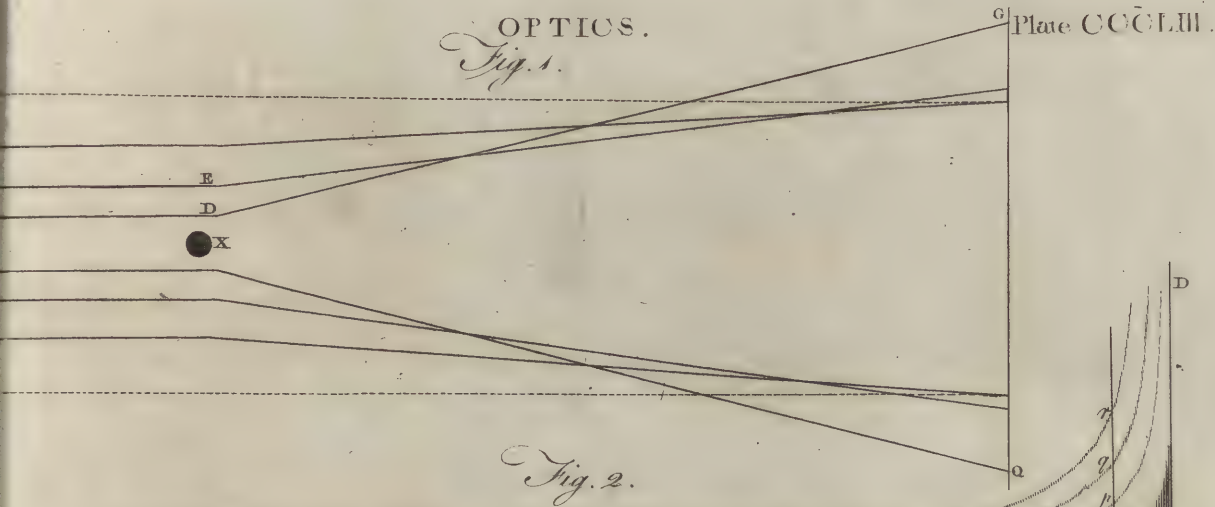
Fig. 8.





OPT
Fig. 1.

^GPlate CCCLIII.



A. Bell Prin. Sta. Co. July 29, 1861.



OPTICS.

Plate CCCLIV.

Fig. 1.

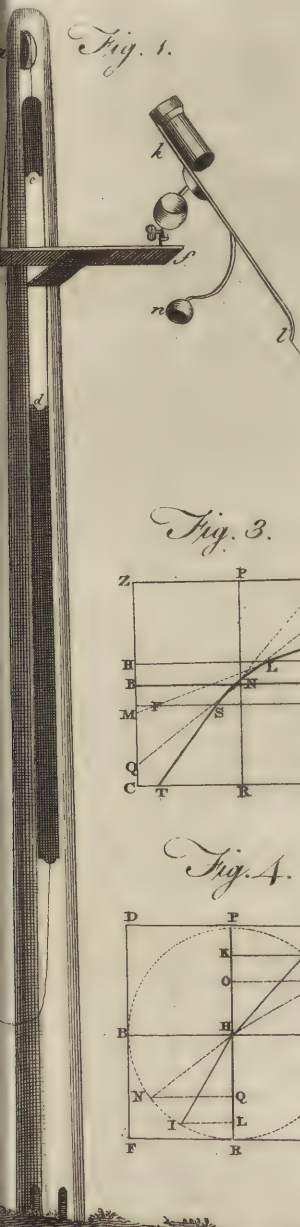


Fig. 2.

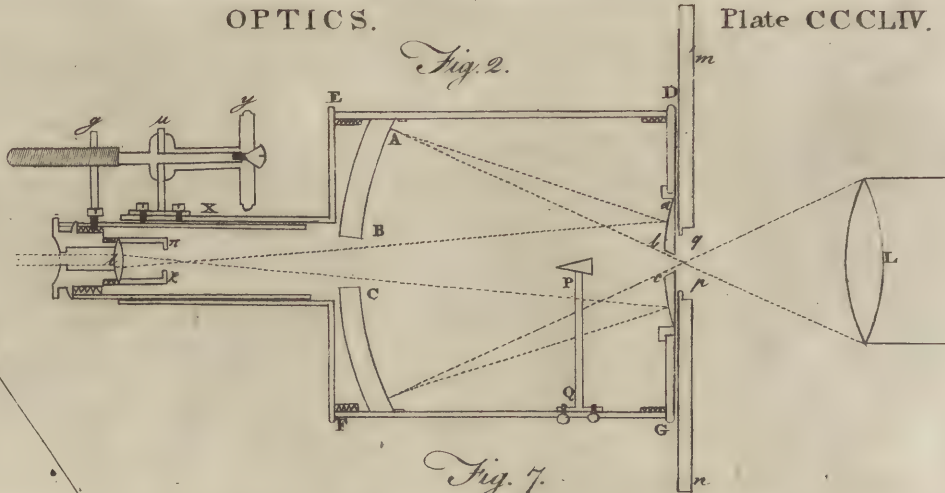


Fig. 3.

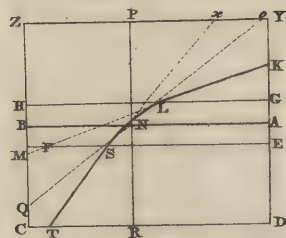


Fig. 7.

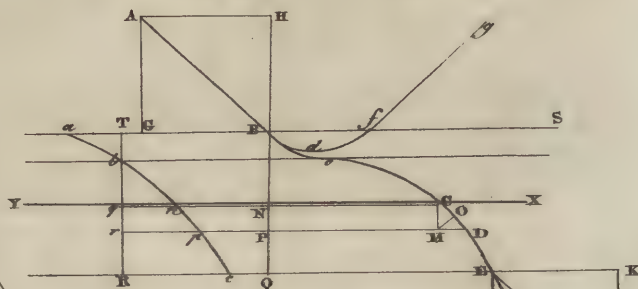


Fig. 4.

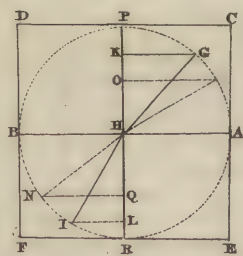


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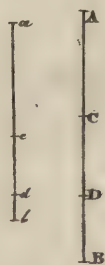


Fig. 6.

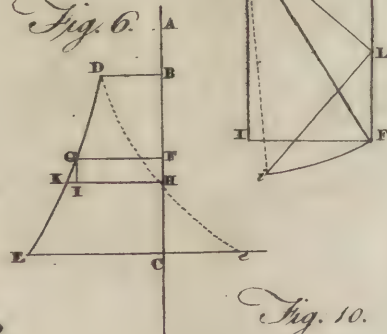


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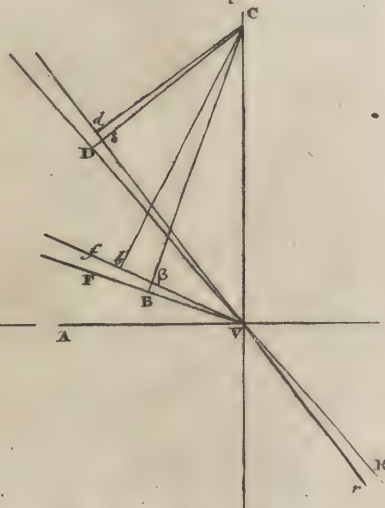


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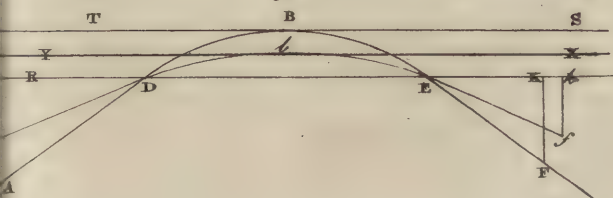
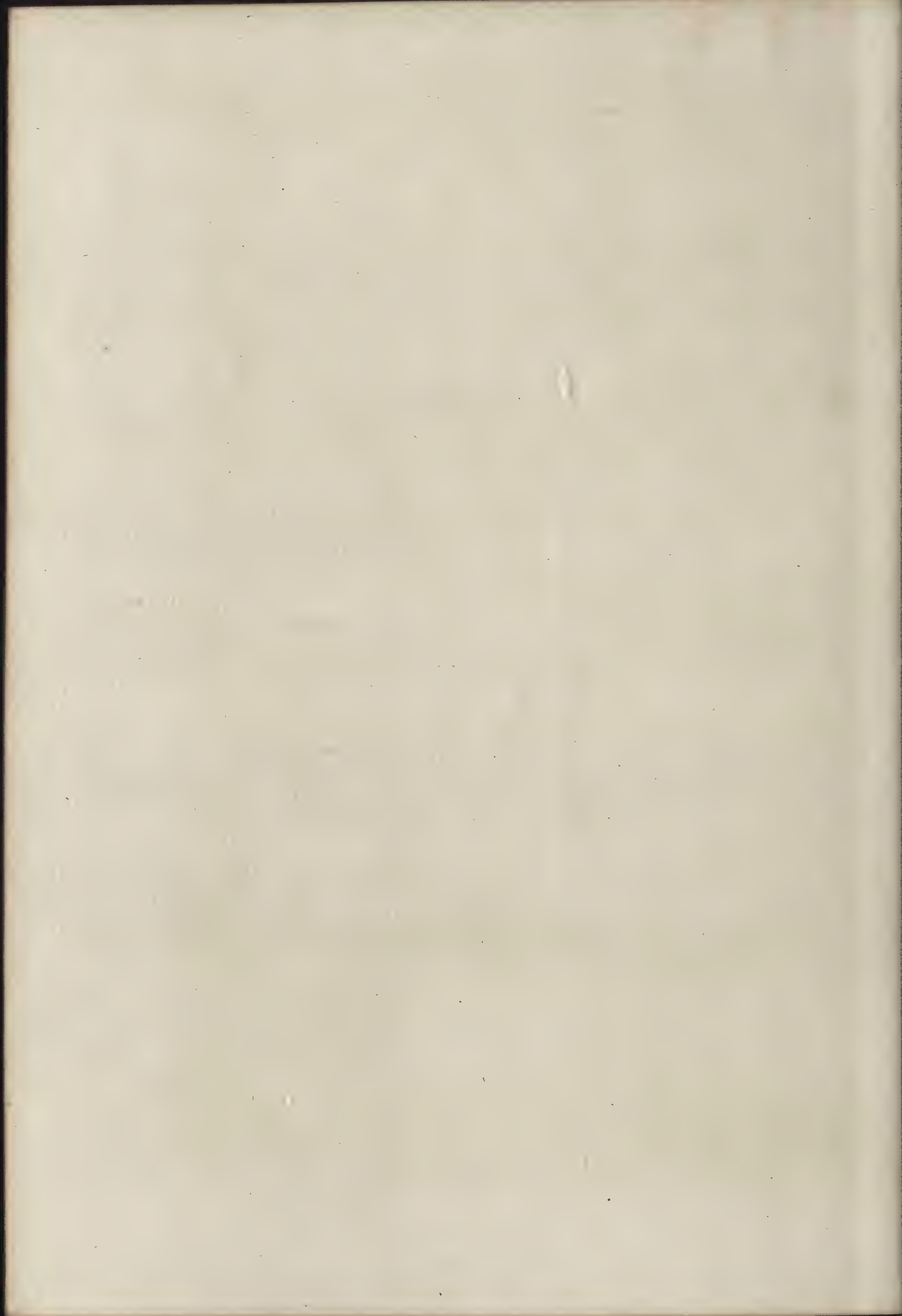


Fig. 9.



A Bell, from the author's first.



OPTICS.

Plate CCCLV.

Fig. 1. *Fig. 2.* *Fig. 3.* *Fig. 4.*

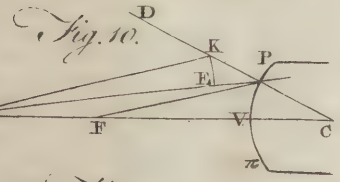
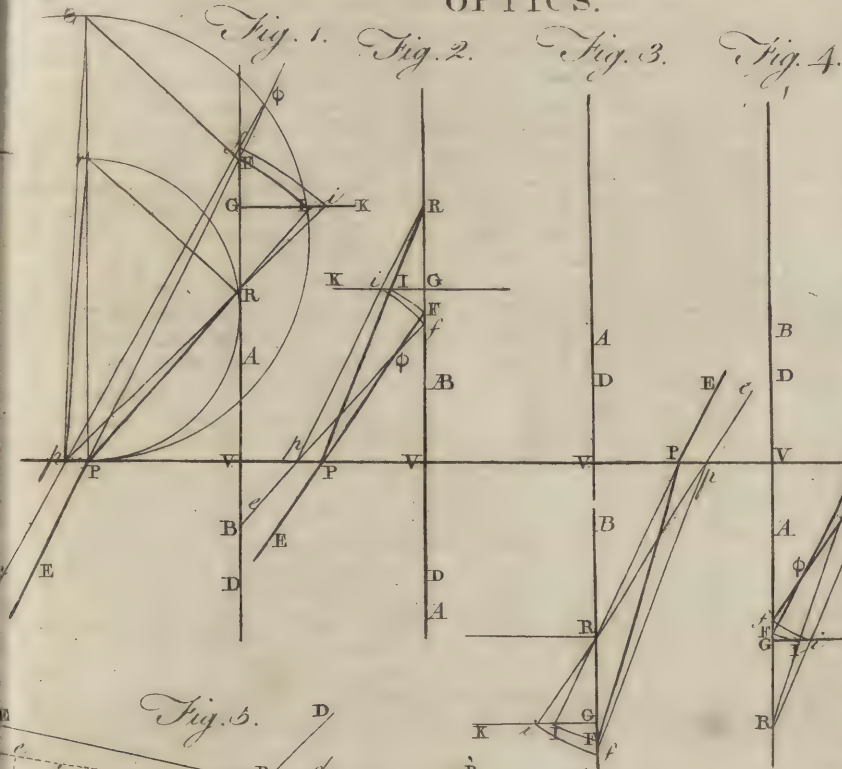


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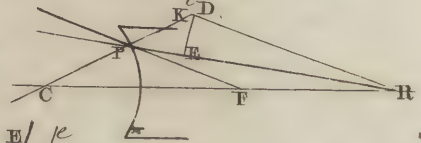


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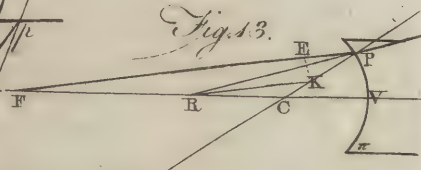


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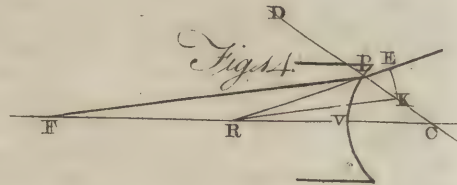


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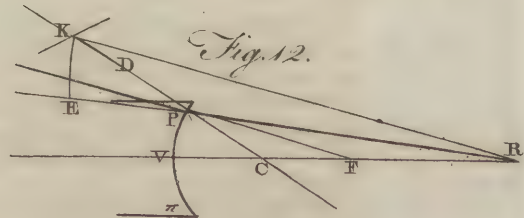


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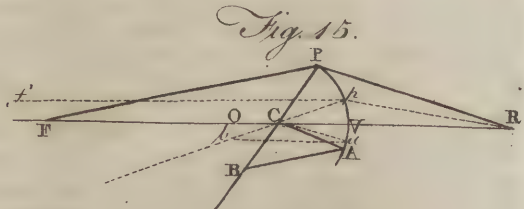
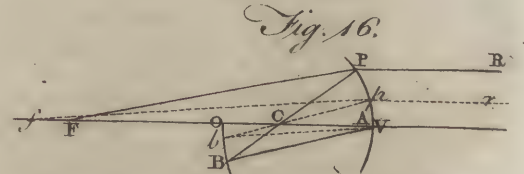


Fig. 16.



A. Bell Prin. Warrington, fecit.

Fig. 5.

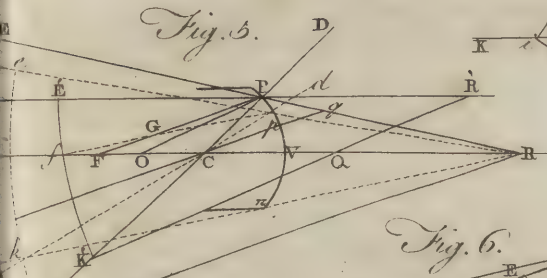


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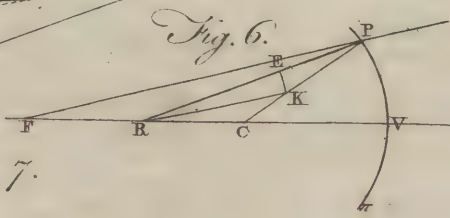


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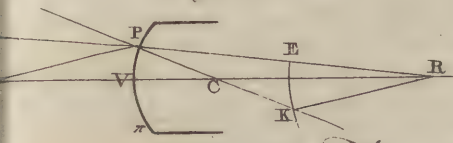


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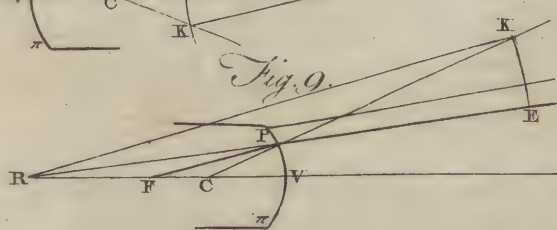
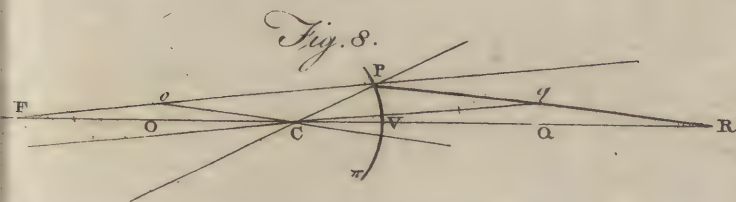


Fig. 8.





OPTICS.

Plate CCCLVI.

Fig. 1.

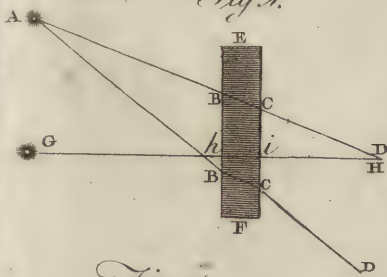


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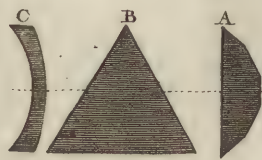


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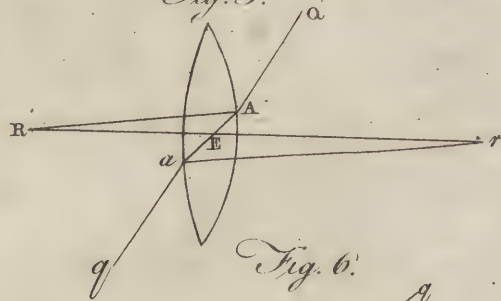


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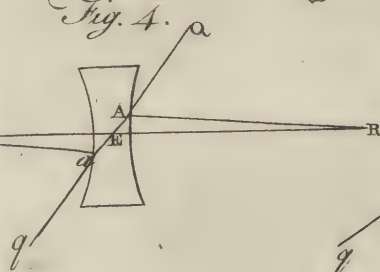


Fig. 5.

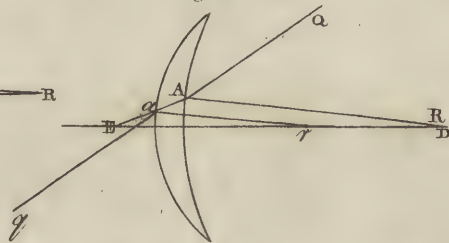


Fig. 6.

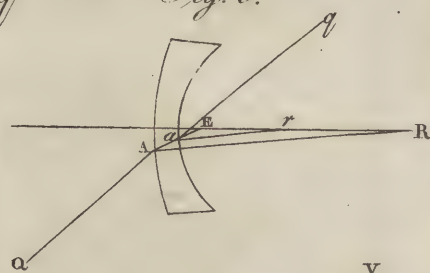


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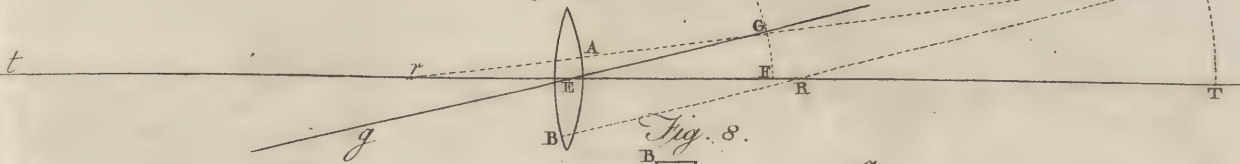


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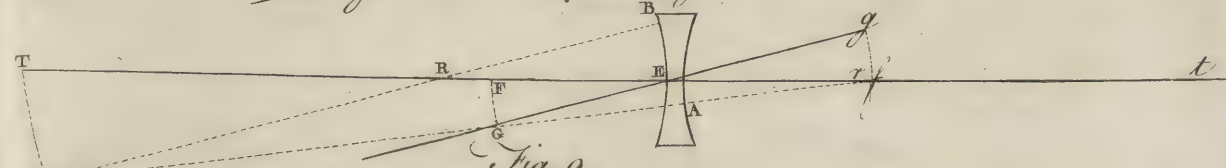


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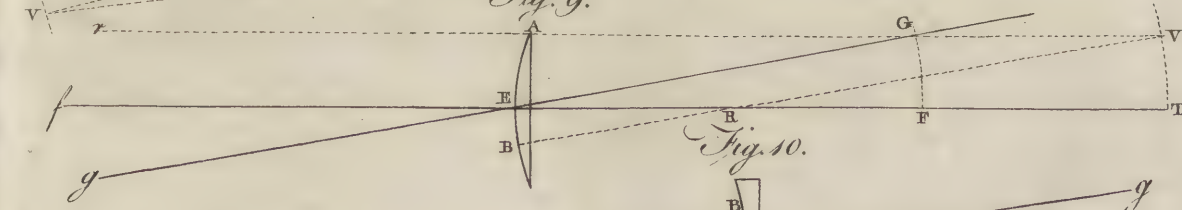


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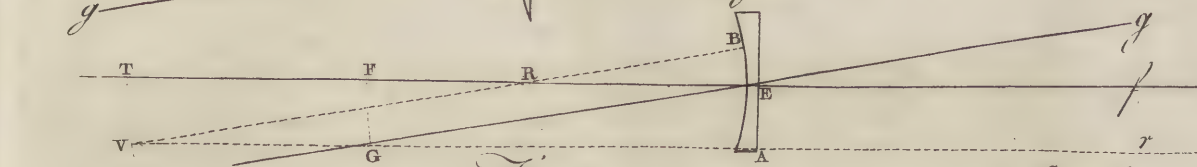


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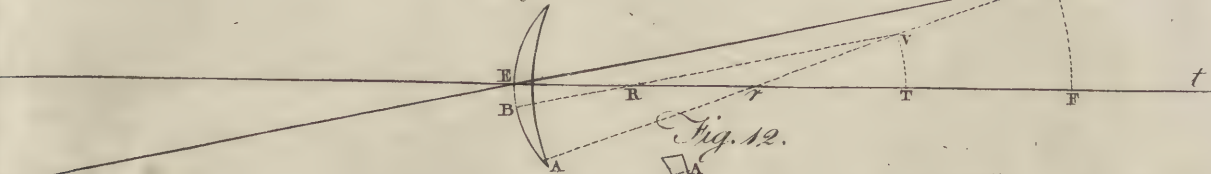
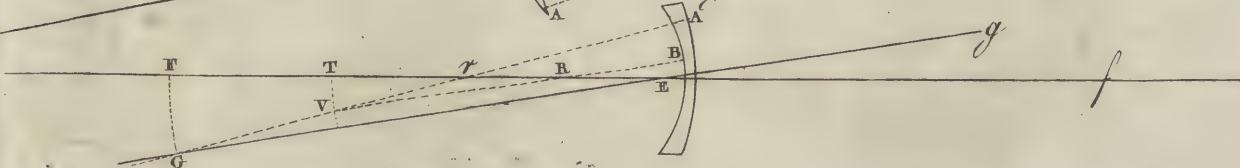


Fig. 12.



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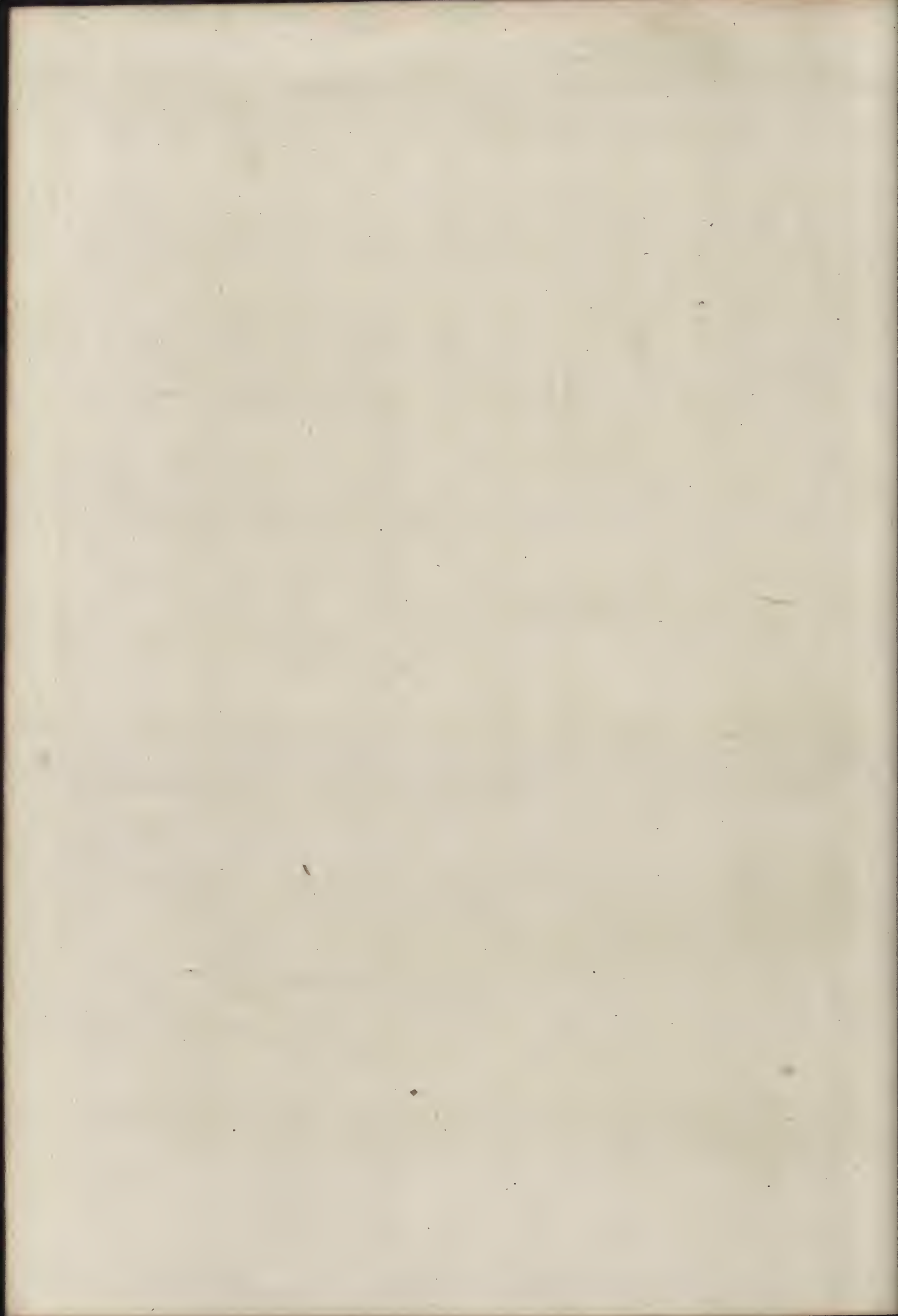


Fig. 1.

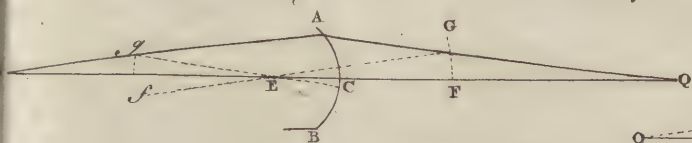


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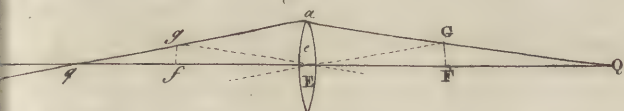


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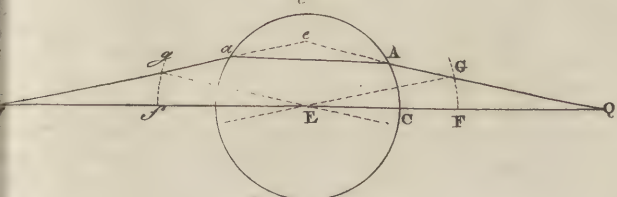


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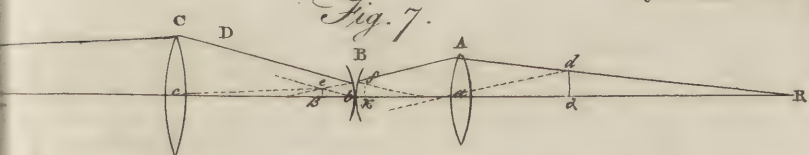


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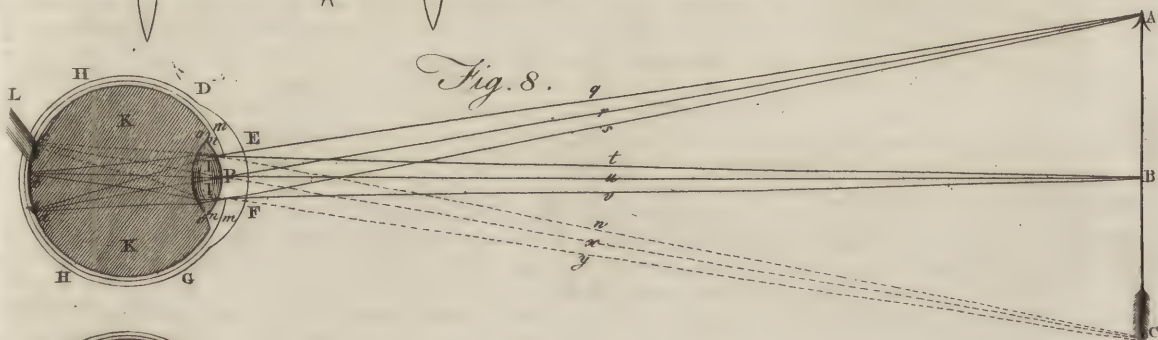
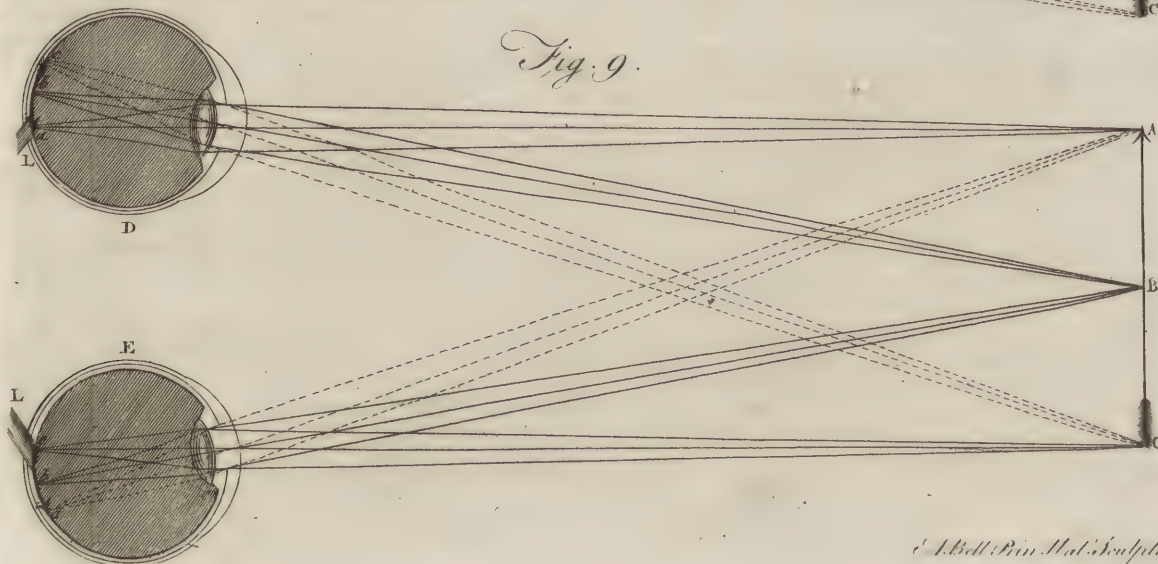


Fig. 9.



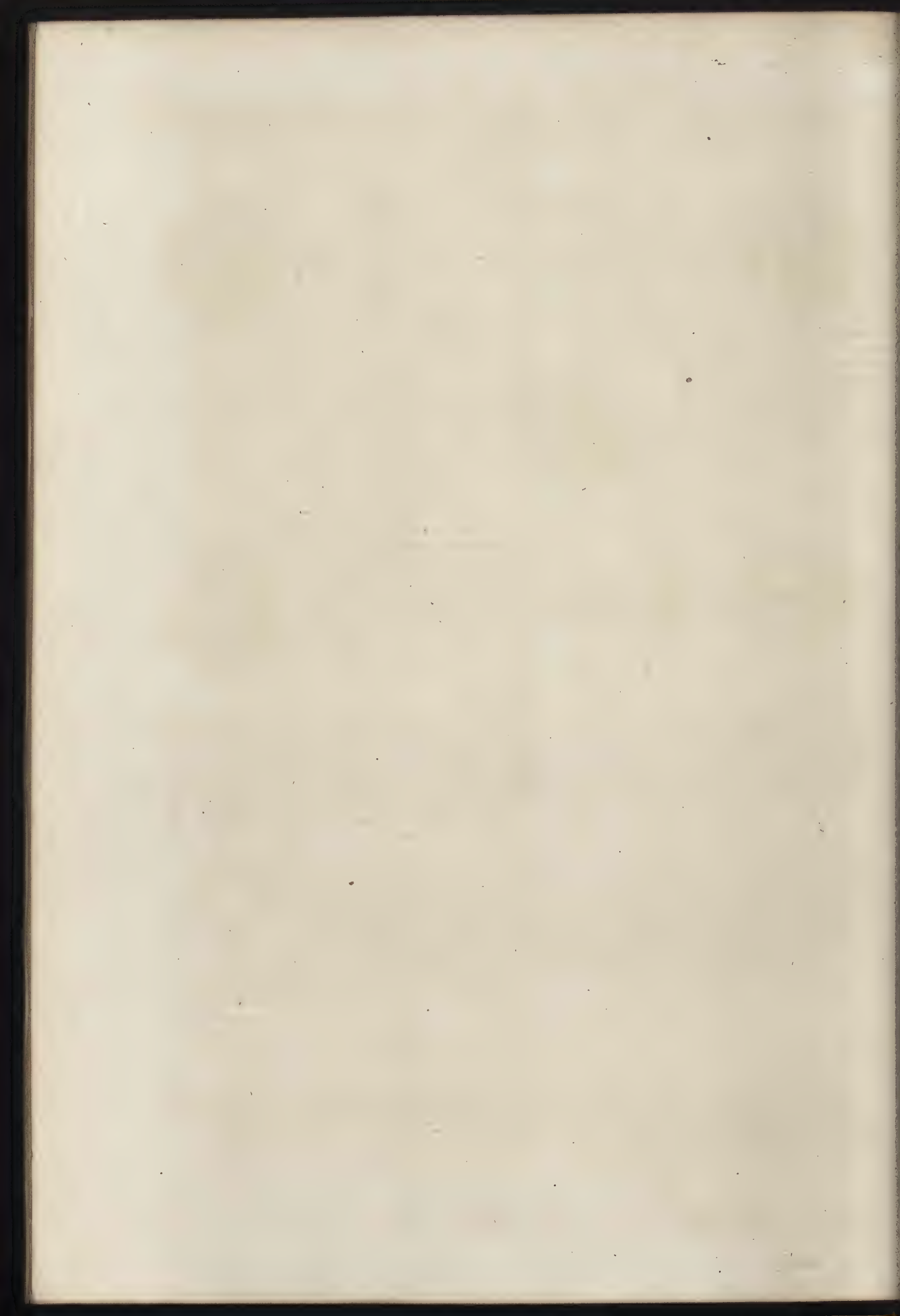


Fig. 1.

Plate CCCLVIII.

Fig. 1.

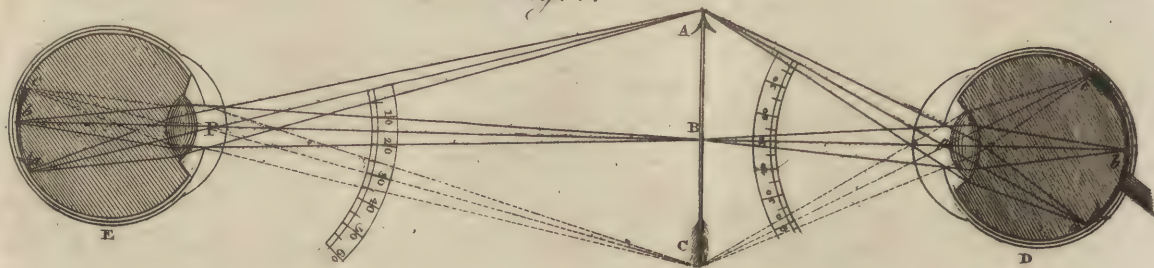


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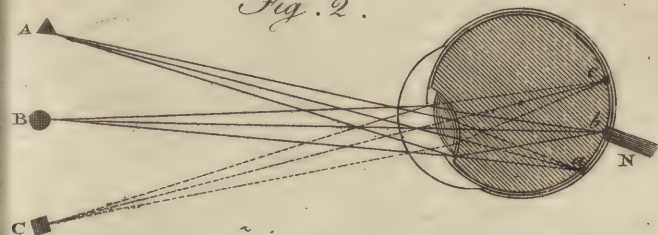


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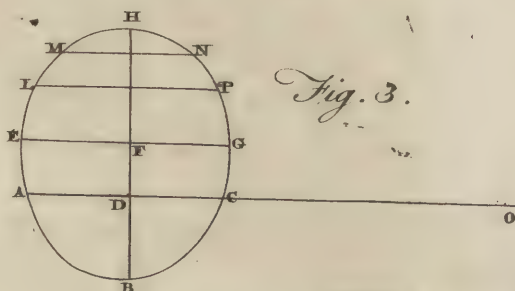


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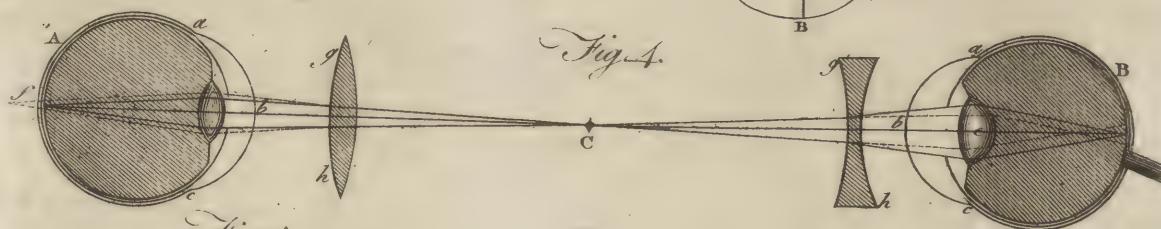


Fig. 5.

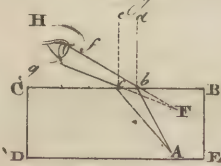


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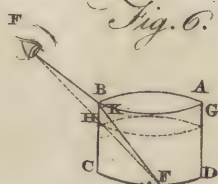


Fig. 7.

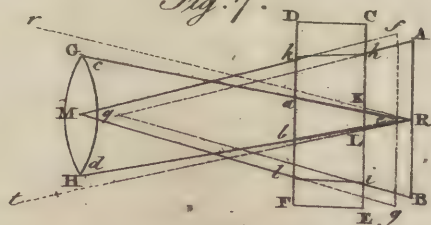


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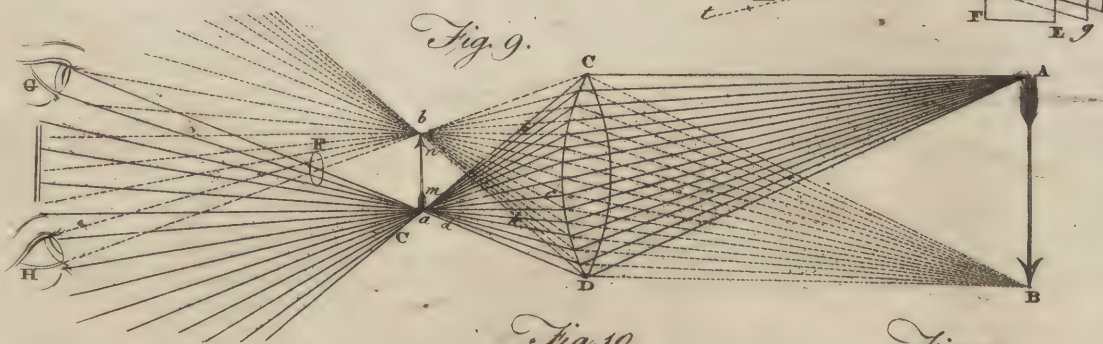


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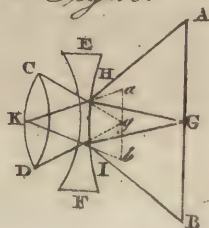
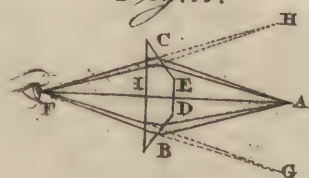
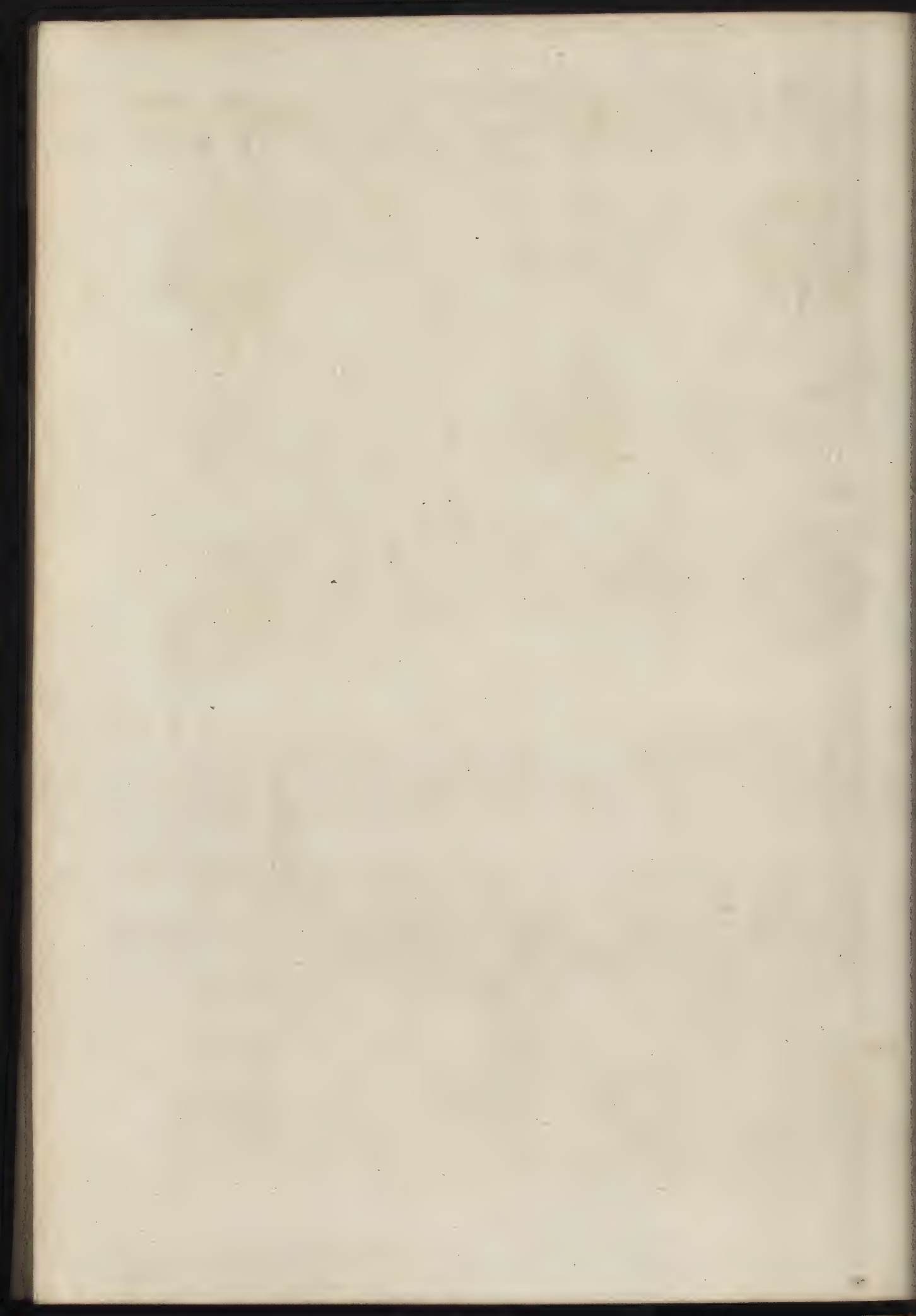
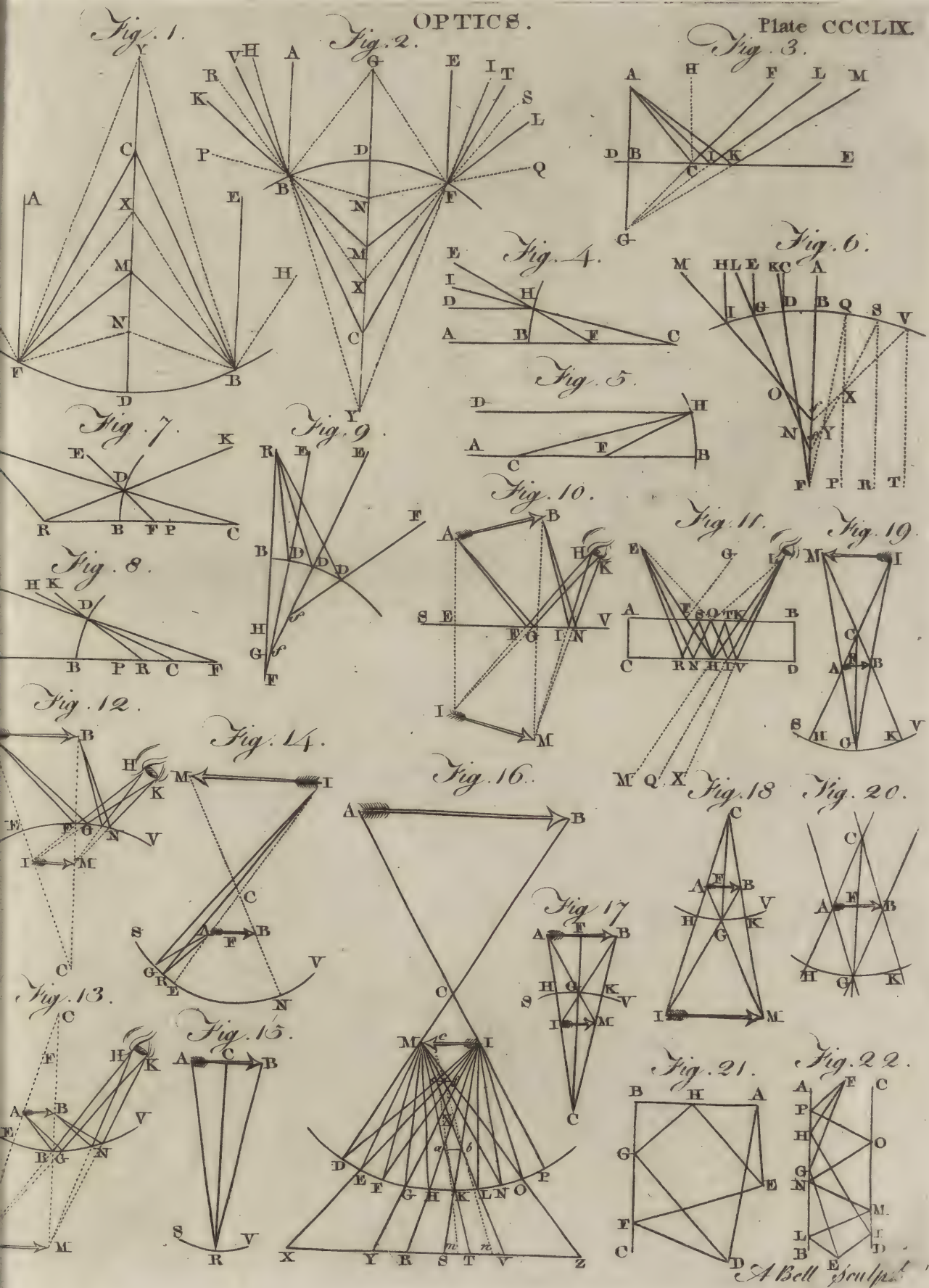
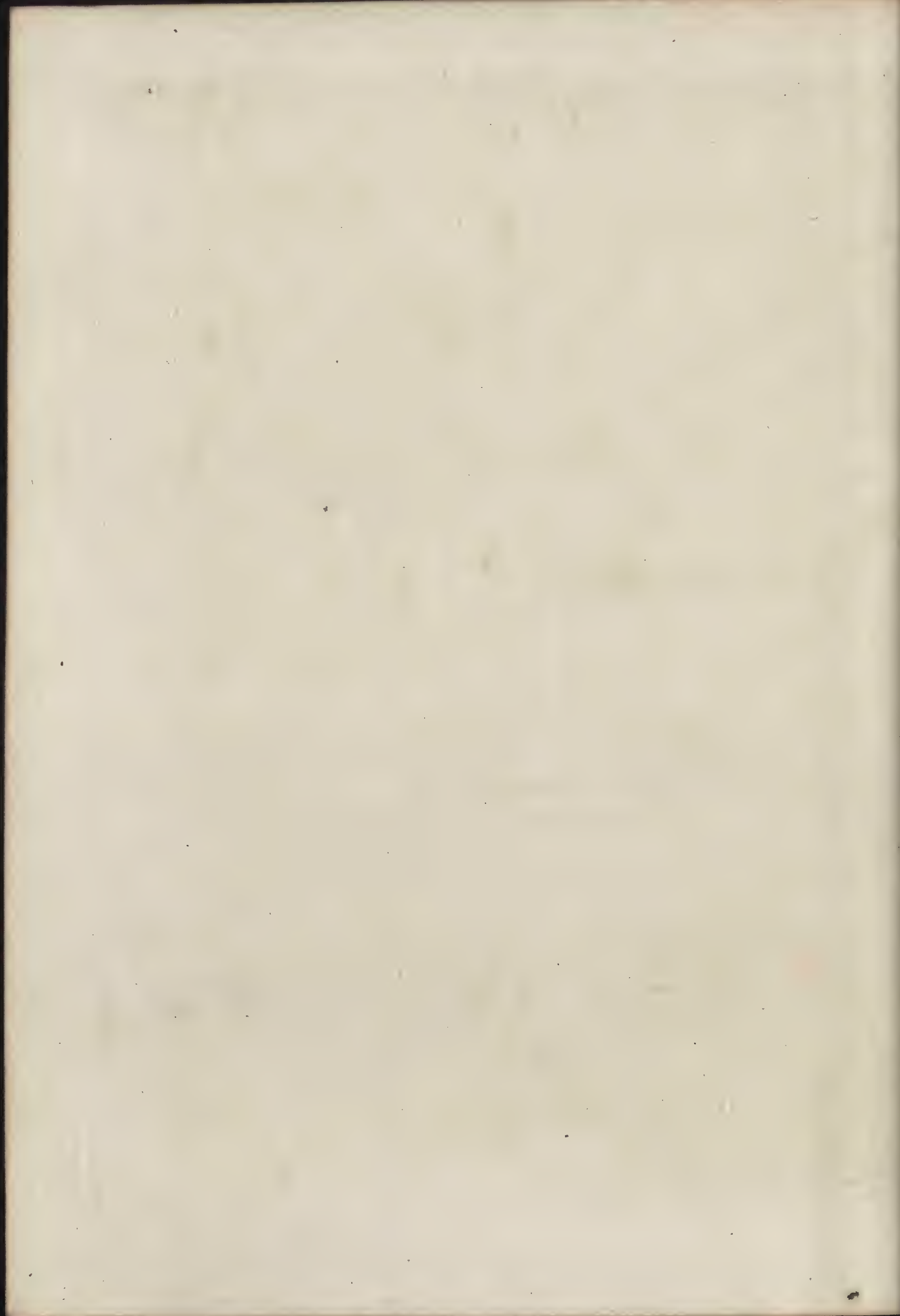


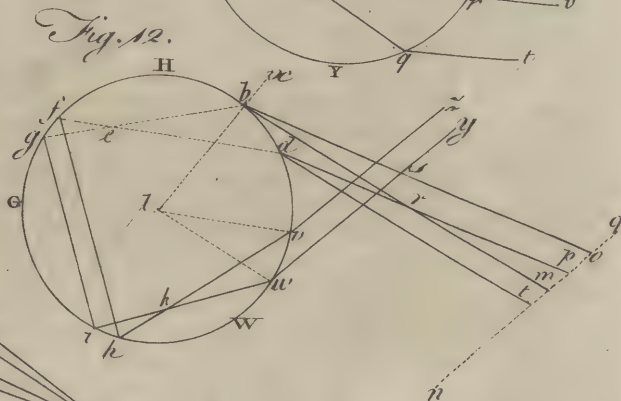
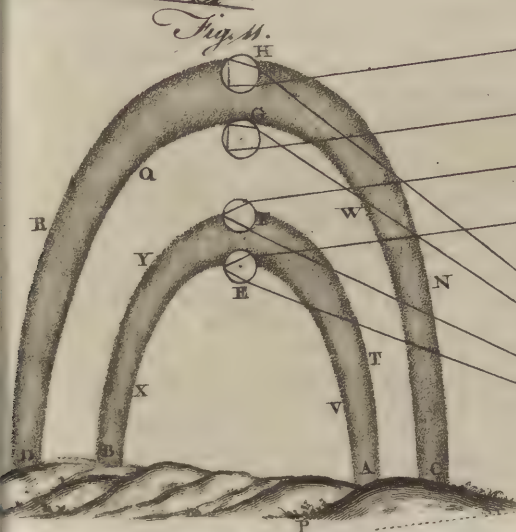
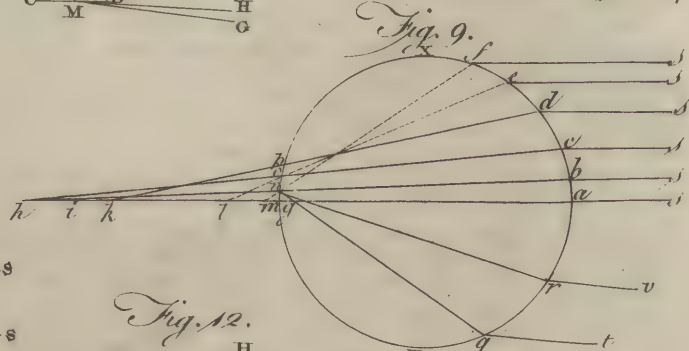
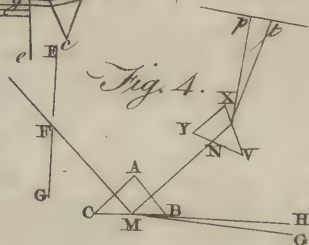
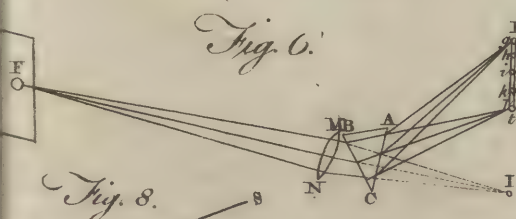
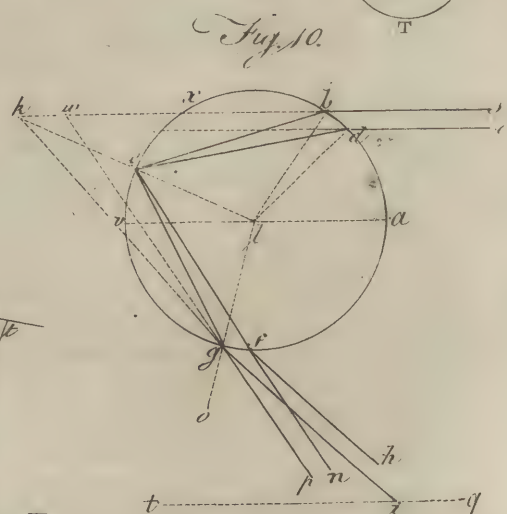
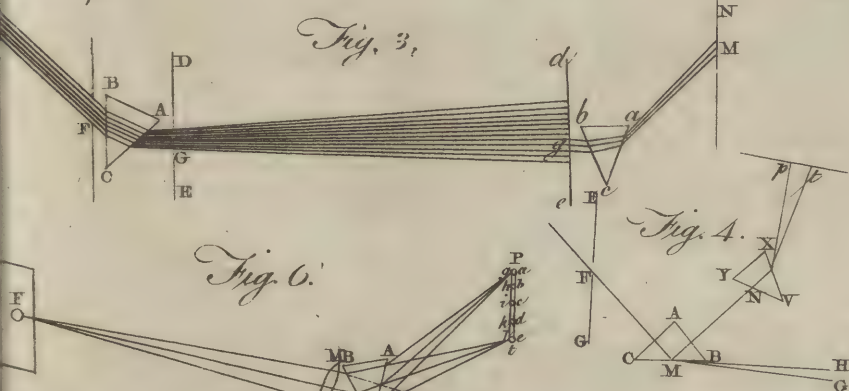
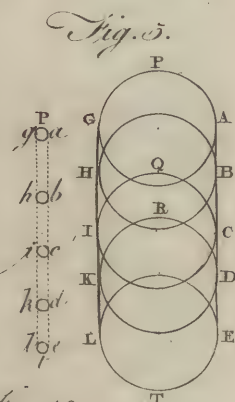
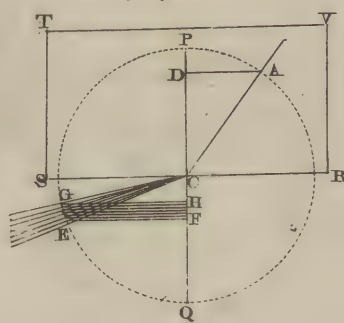
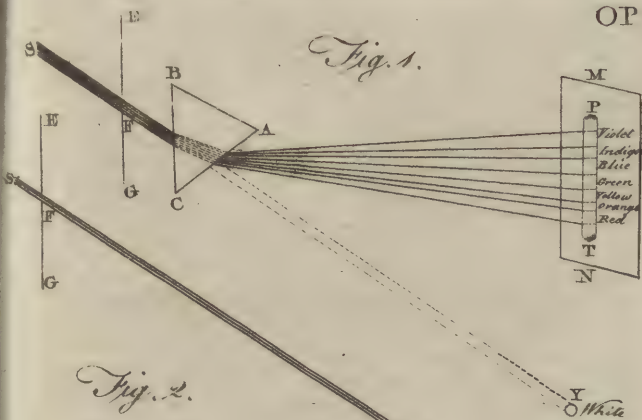
Fig. 11.











Abell Prin. Hals. Paup. loc. scit.



OPTICS.

Plate CCCLXI.

Fig. 1.

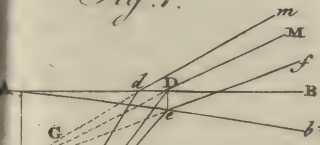


Fig. 2.



Fig. 3.

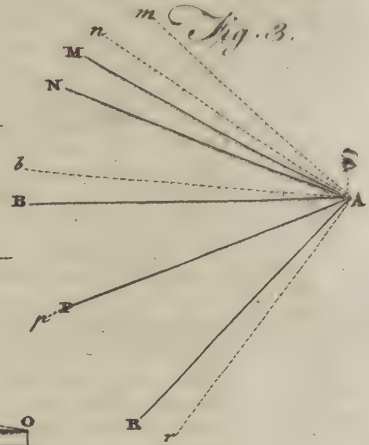


Fig. 4.

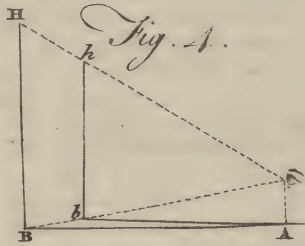


Fig. 5.

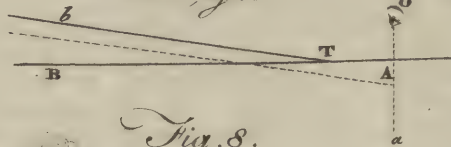


Fig. 8.



Fig. 6.

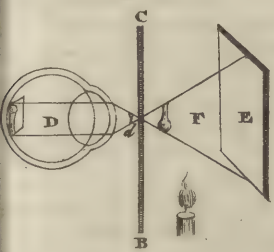


Fig. 7.

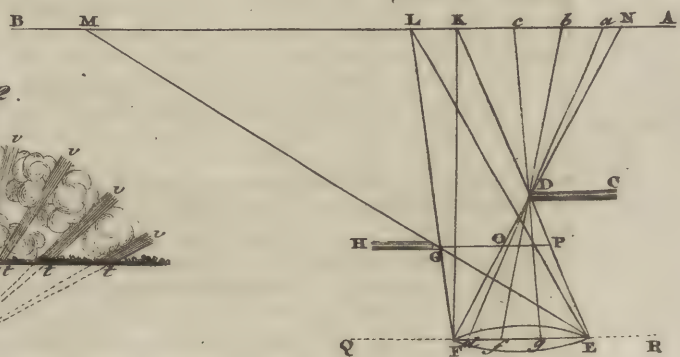


Fig. 12.

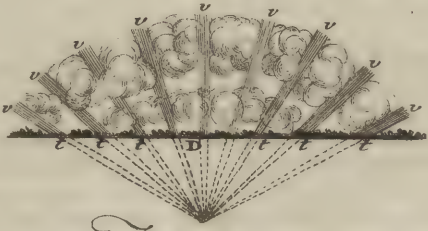


Fig. 10.

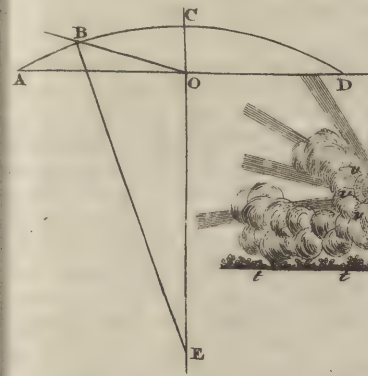


Fig. 11.



Fig. 9.

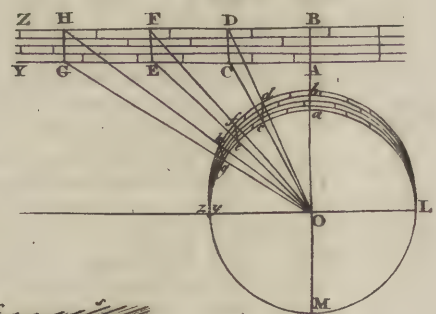


Fig. 14.

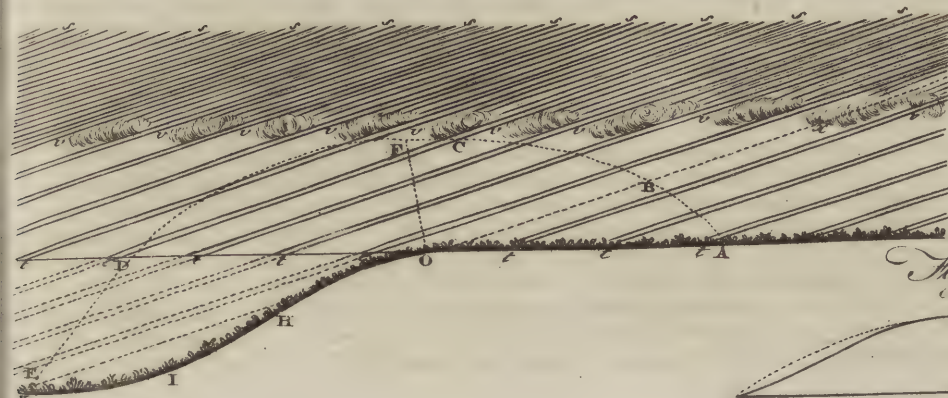
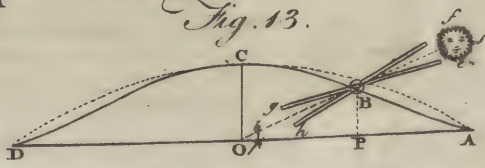


Fig. 13.



C. Bell (Print) at Sculptor's foot.



Fig. 1.

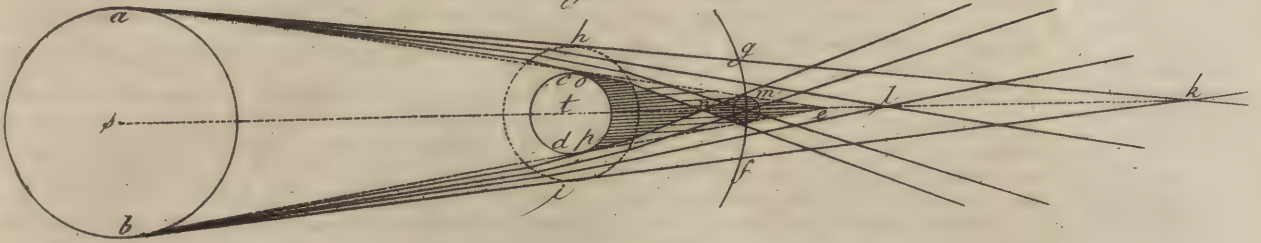


Fig. 2.

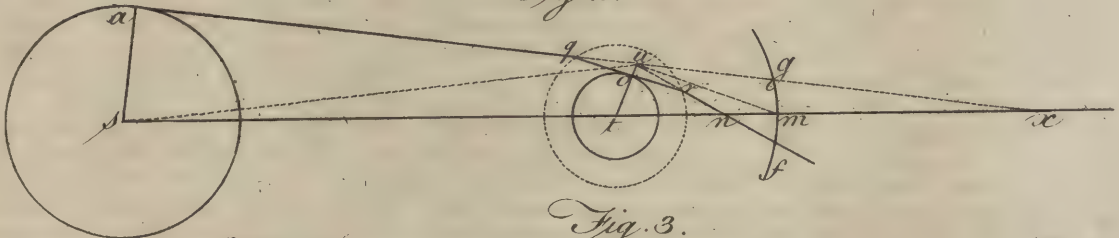


Fig. 3.

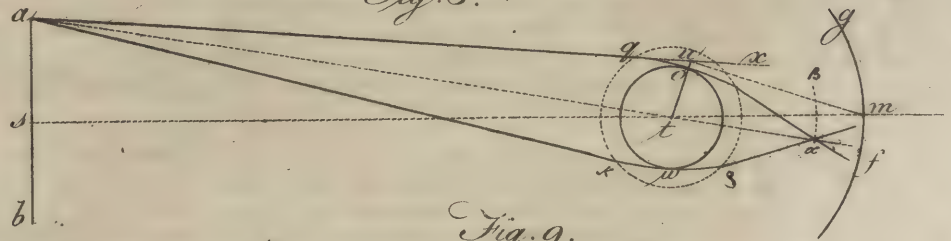


Fig. 4.

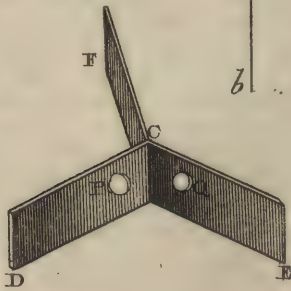


Fig. 9.

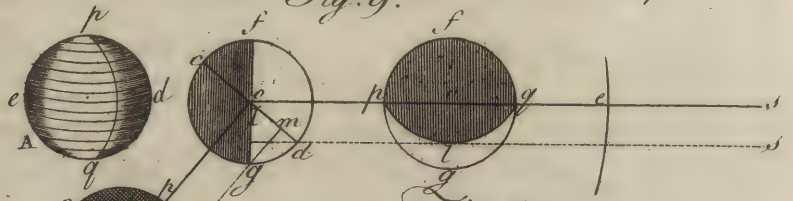


Fig. 6.



Fig. 5.

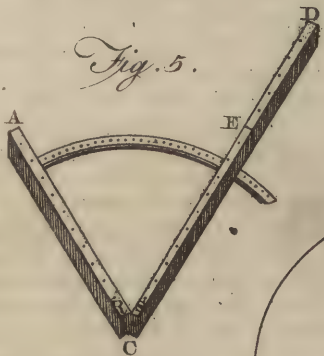


Fig. 8.

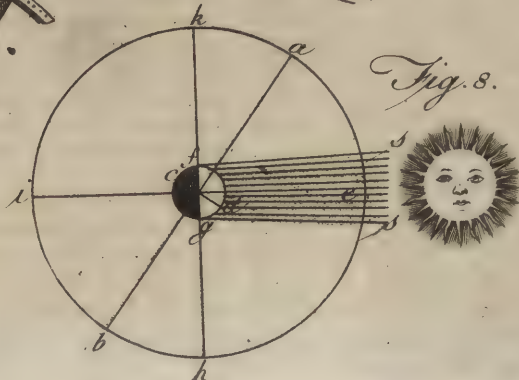


Fig. 7.





Fig. 3.



Fig. 2.

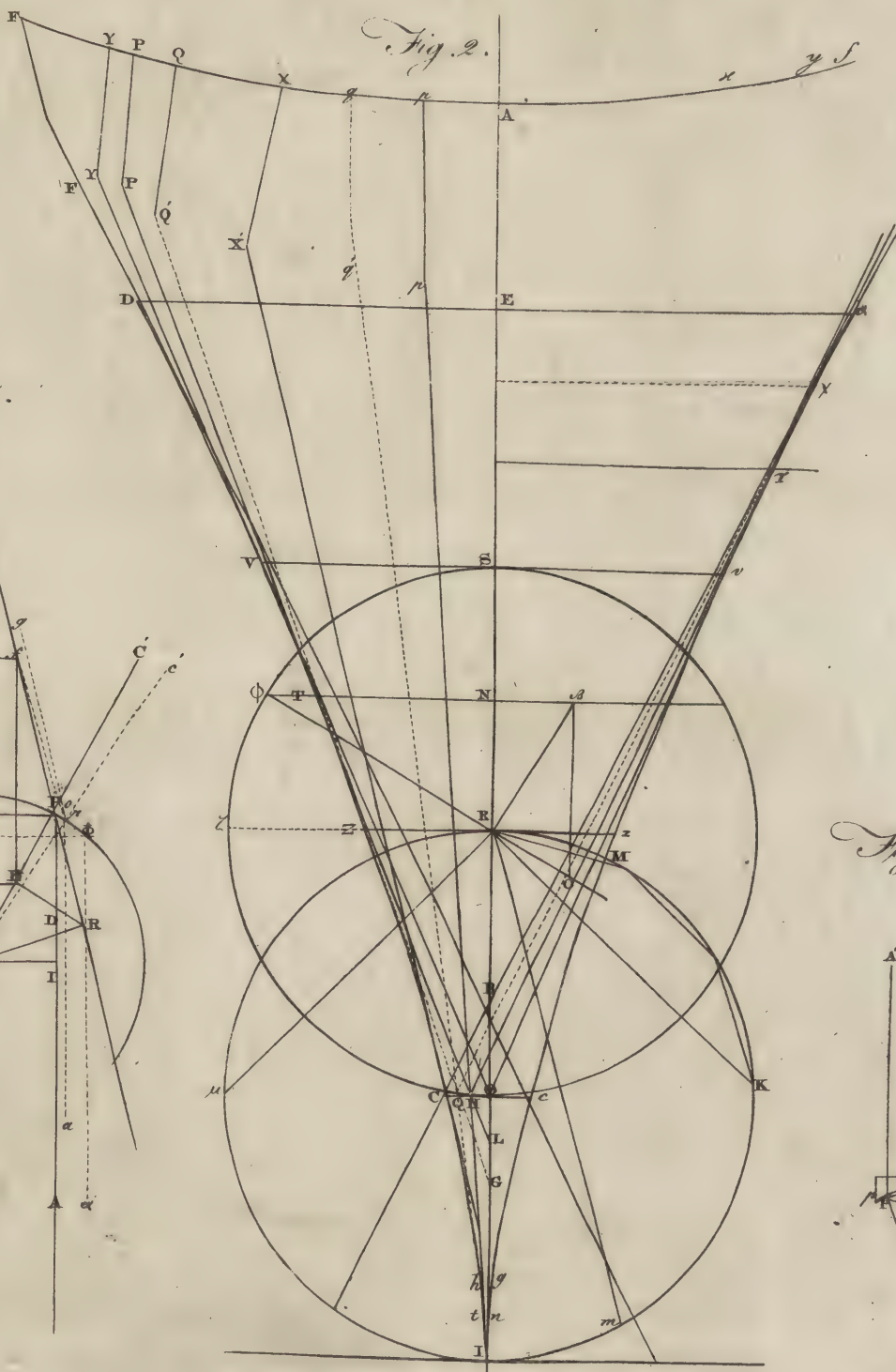


Fig. 1.

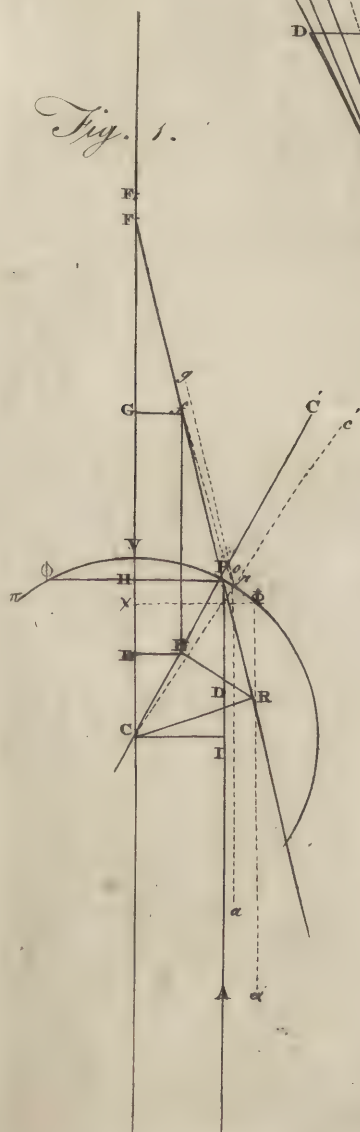
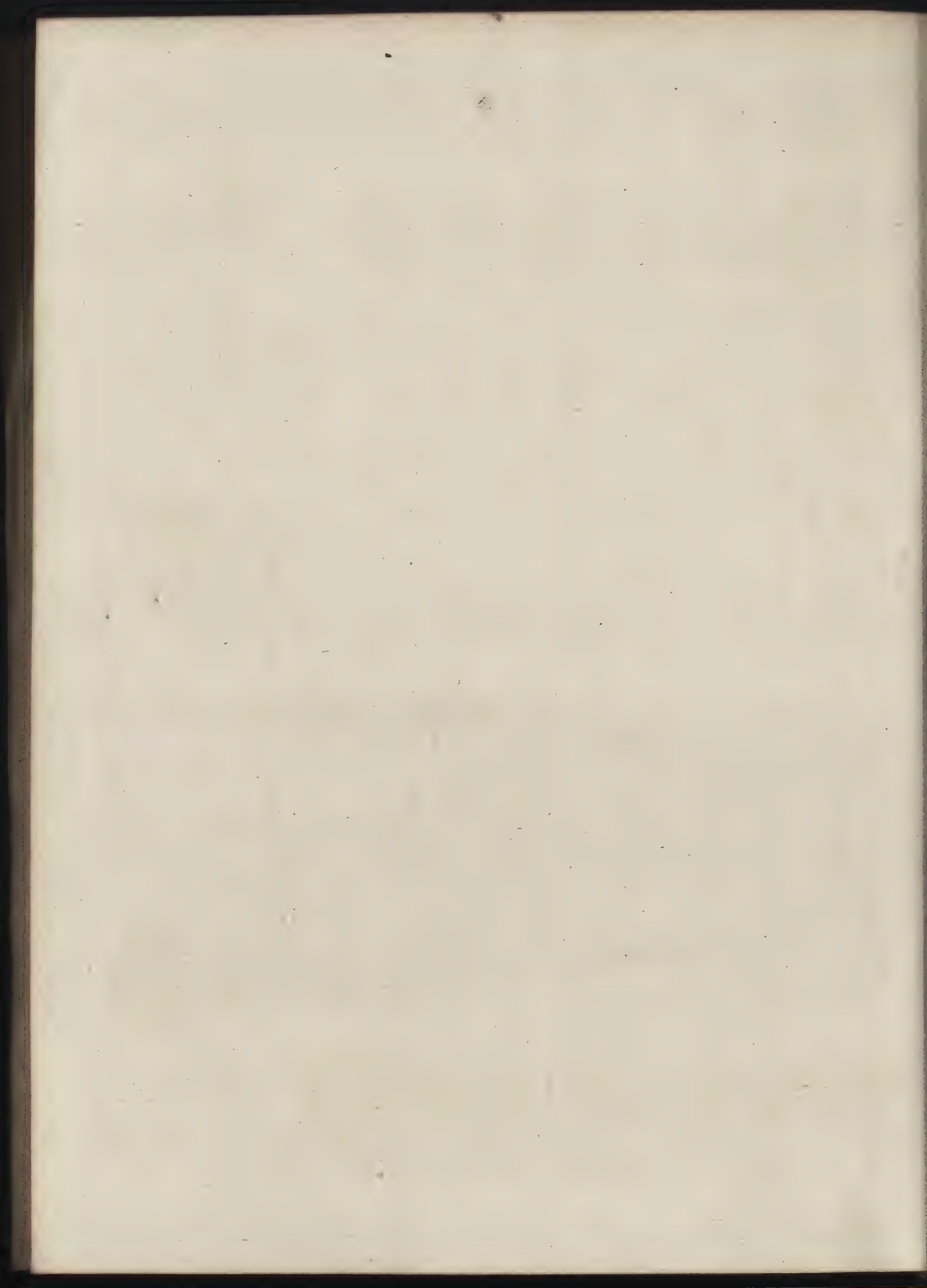


Fig. 4.





OPTICS.

Plate CCCCLXIV.

Fig. 2.

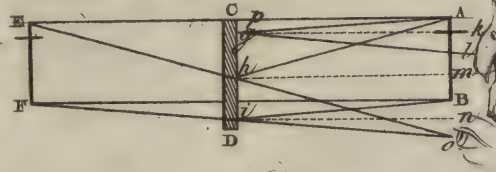


Fig. 3.

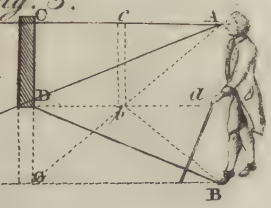


Fig. 4.

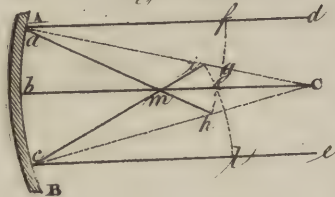


Fig. 5.

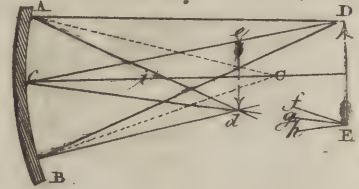


Fig. 8.

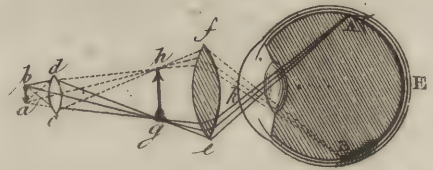


Fig. 9.

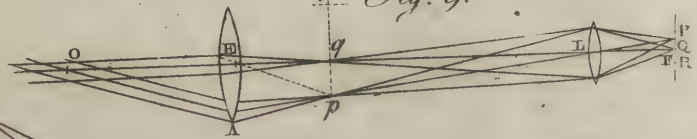


Fig. 11.

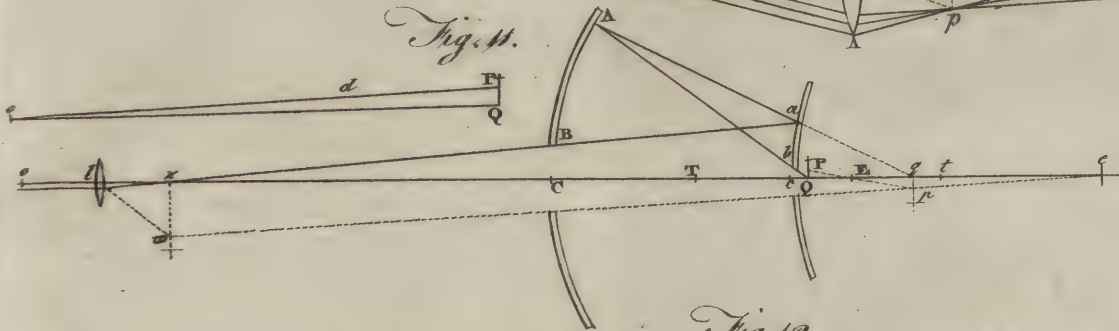


Fig. 12.

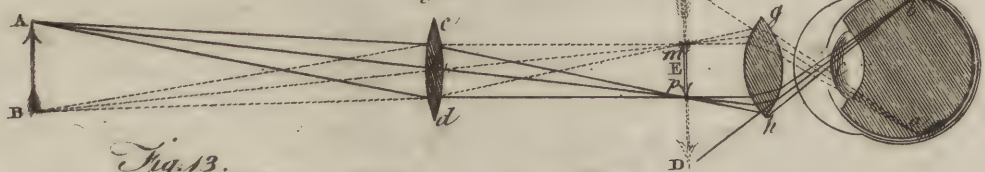
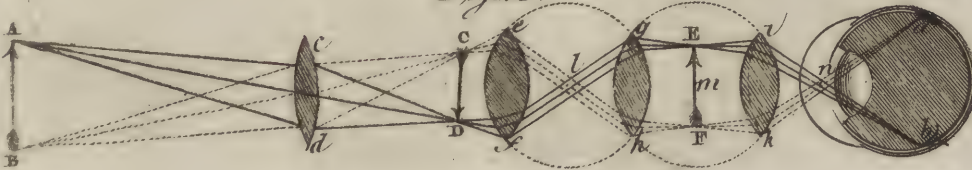


Fig. 13.



Et Bell. Press. 11. ad. Sculptor. fecit.

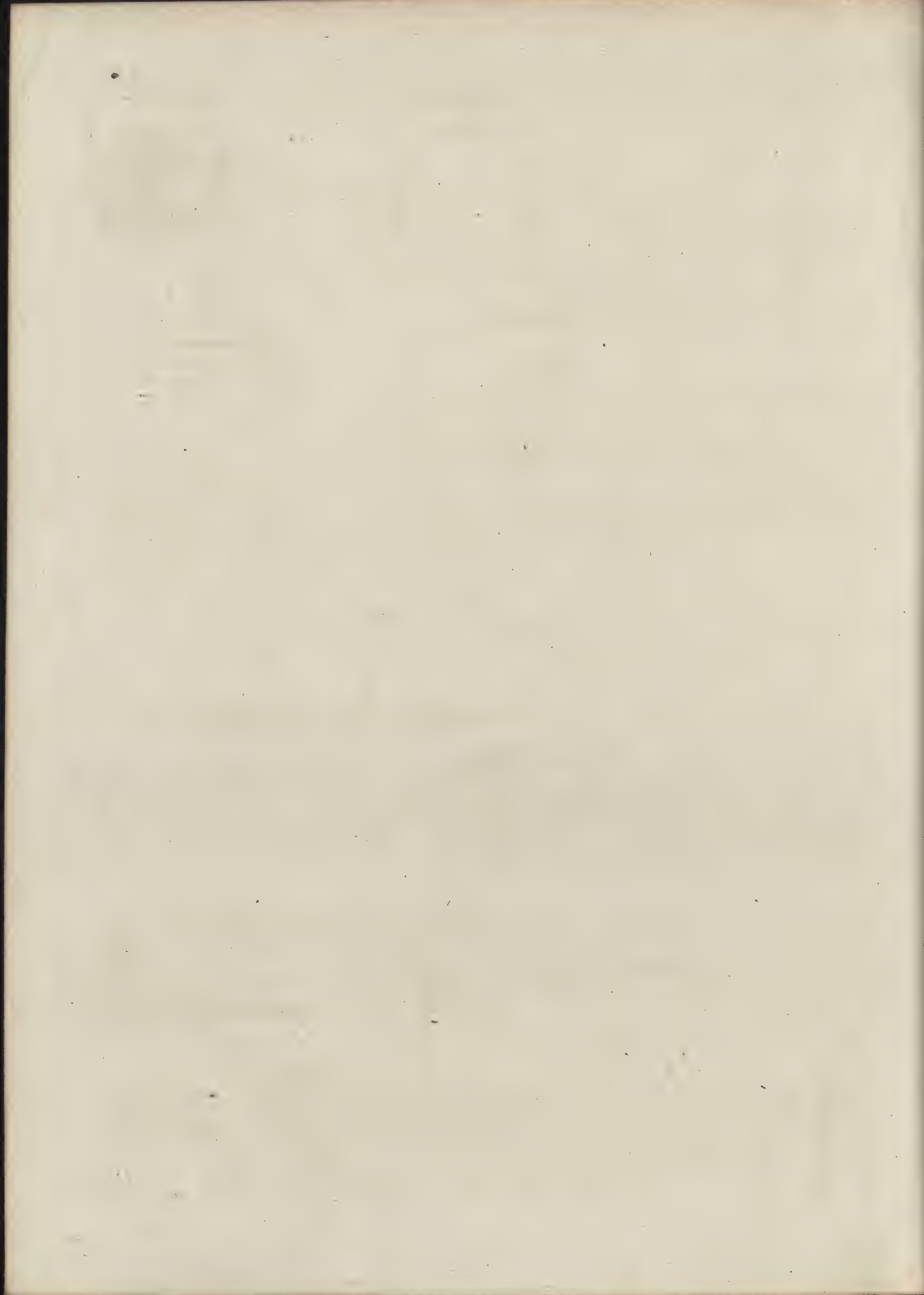


Fig. 1.

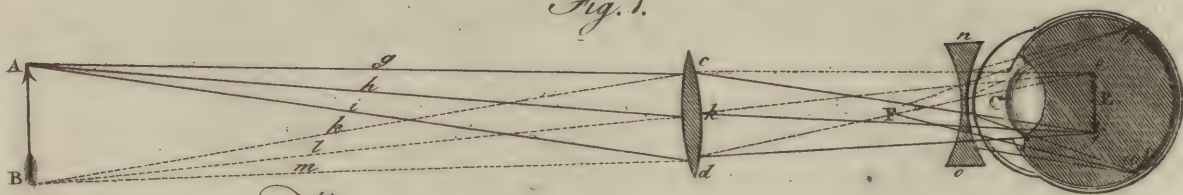


Fig. 2.

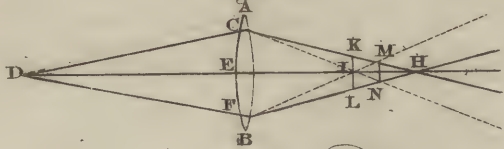


Fig. 3.

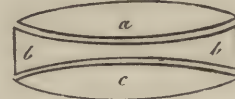


Fig. 4.

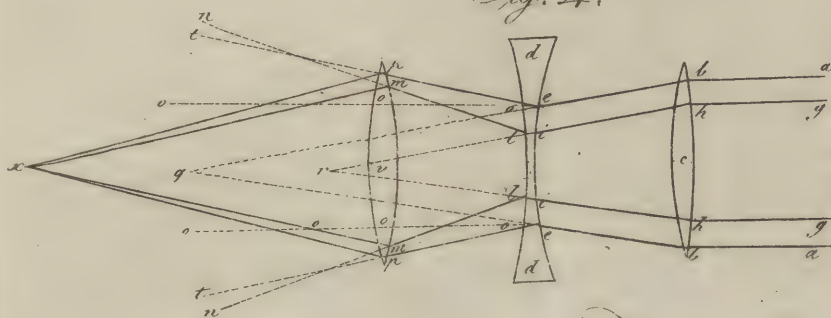


Fig. 8.

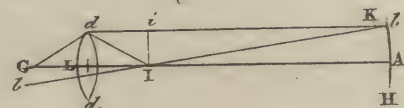


Fig. 5.

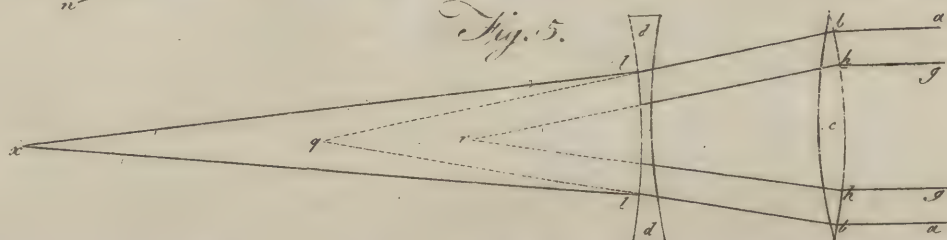


Fig. 6.

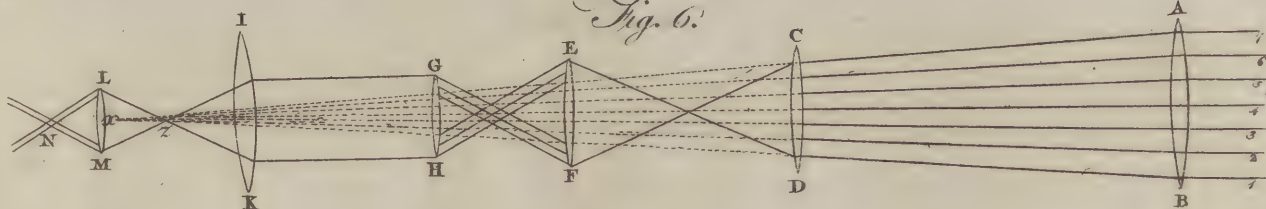


Fig. 7.

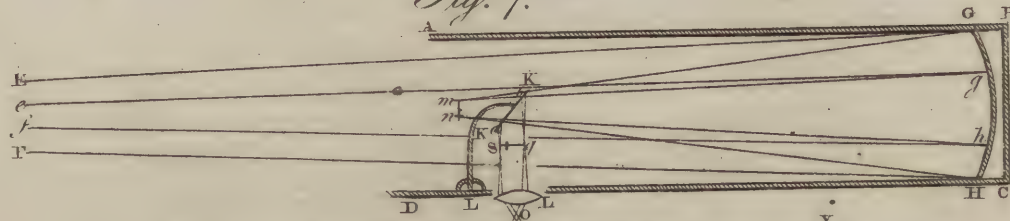
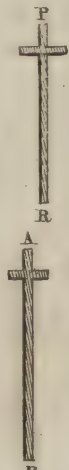
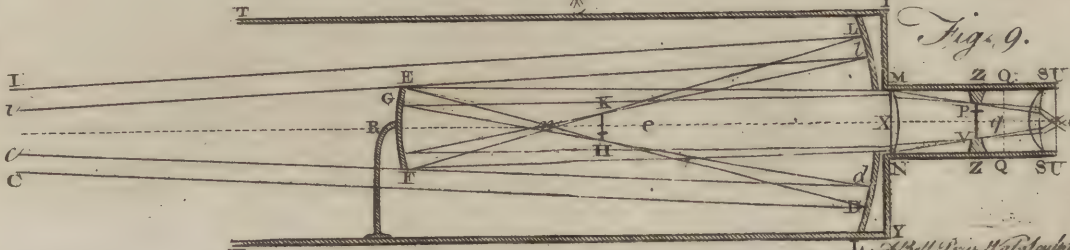
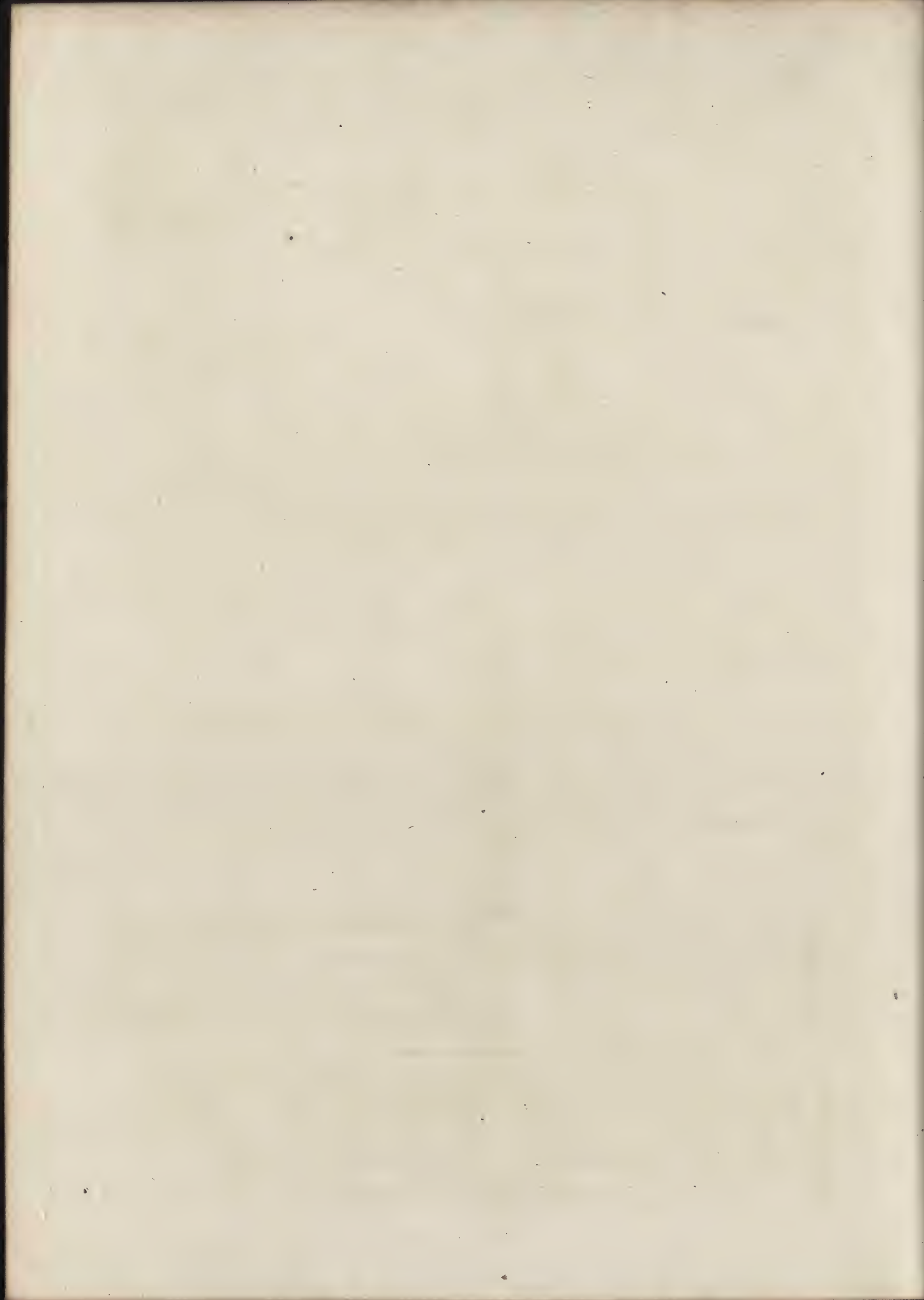
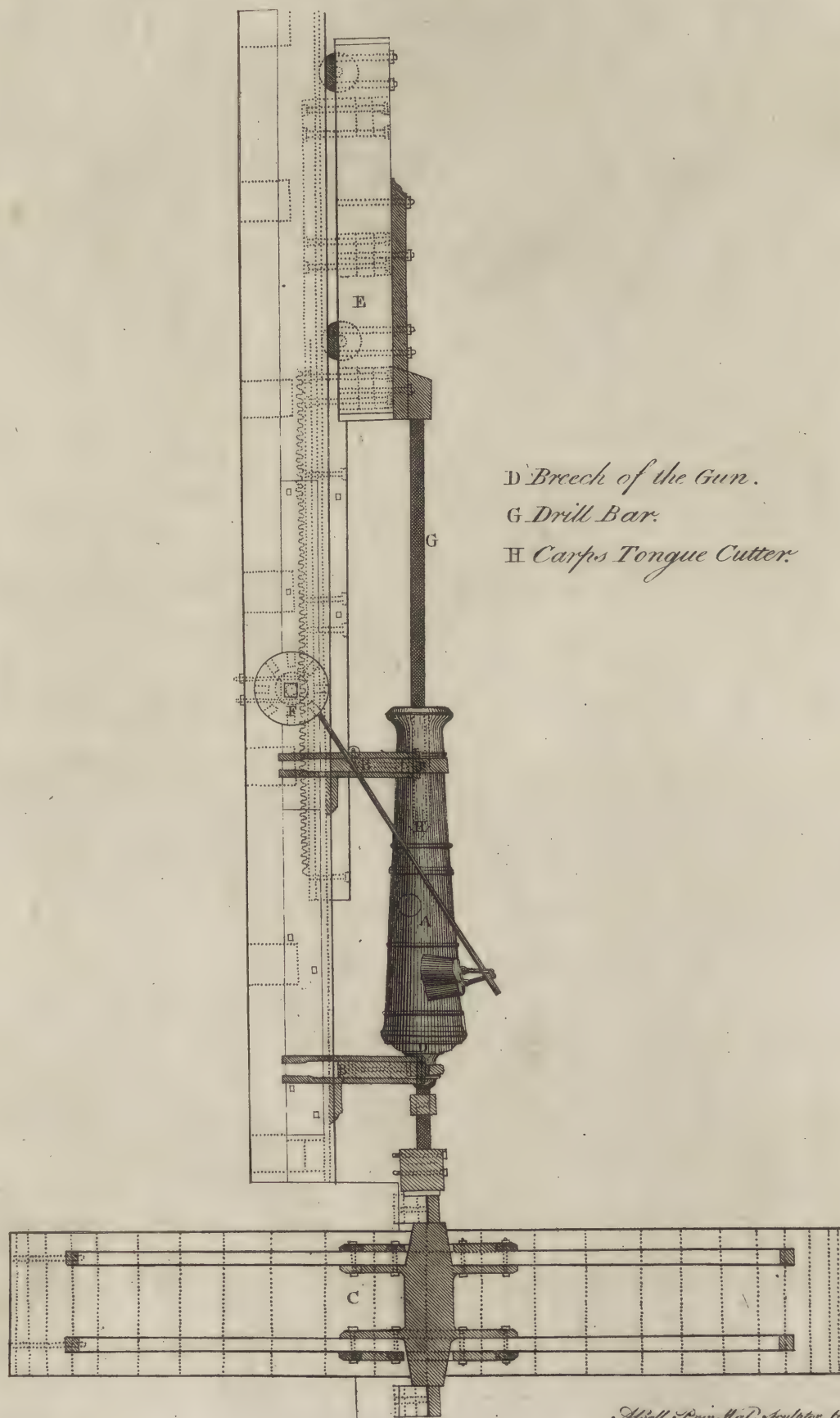


Fig. 9.



L. A. Bell, from Haldeslop's opt.





D Breech of the Gun.

G Drill Bar.

H Carps Tongue Cutter.

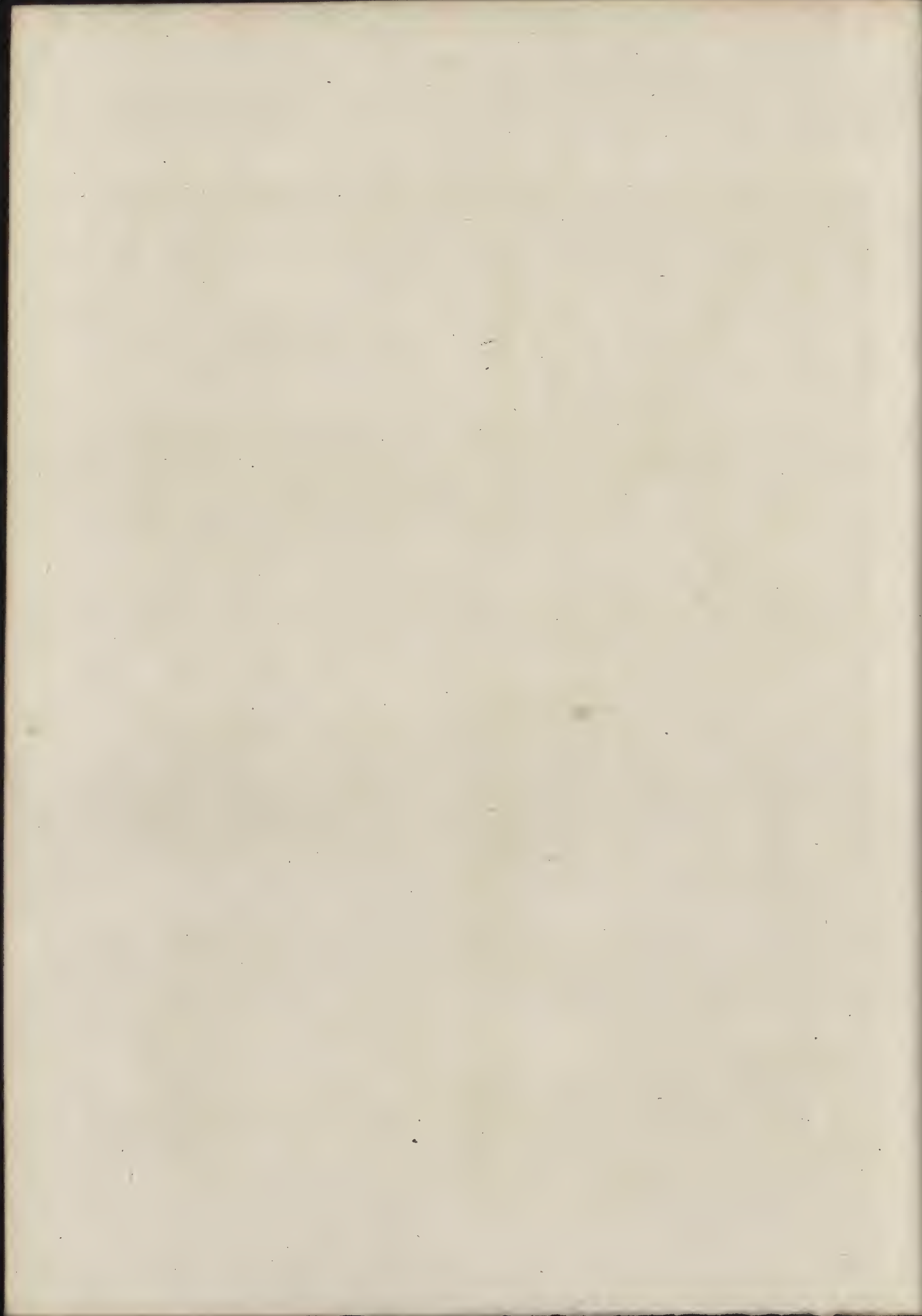


Fig. 1.

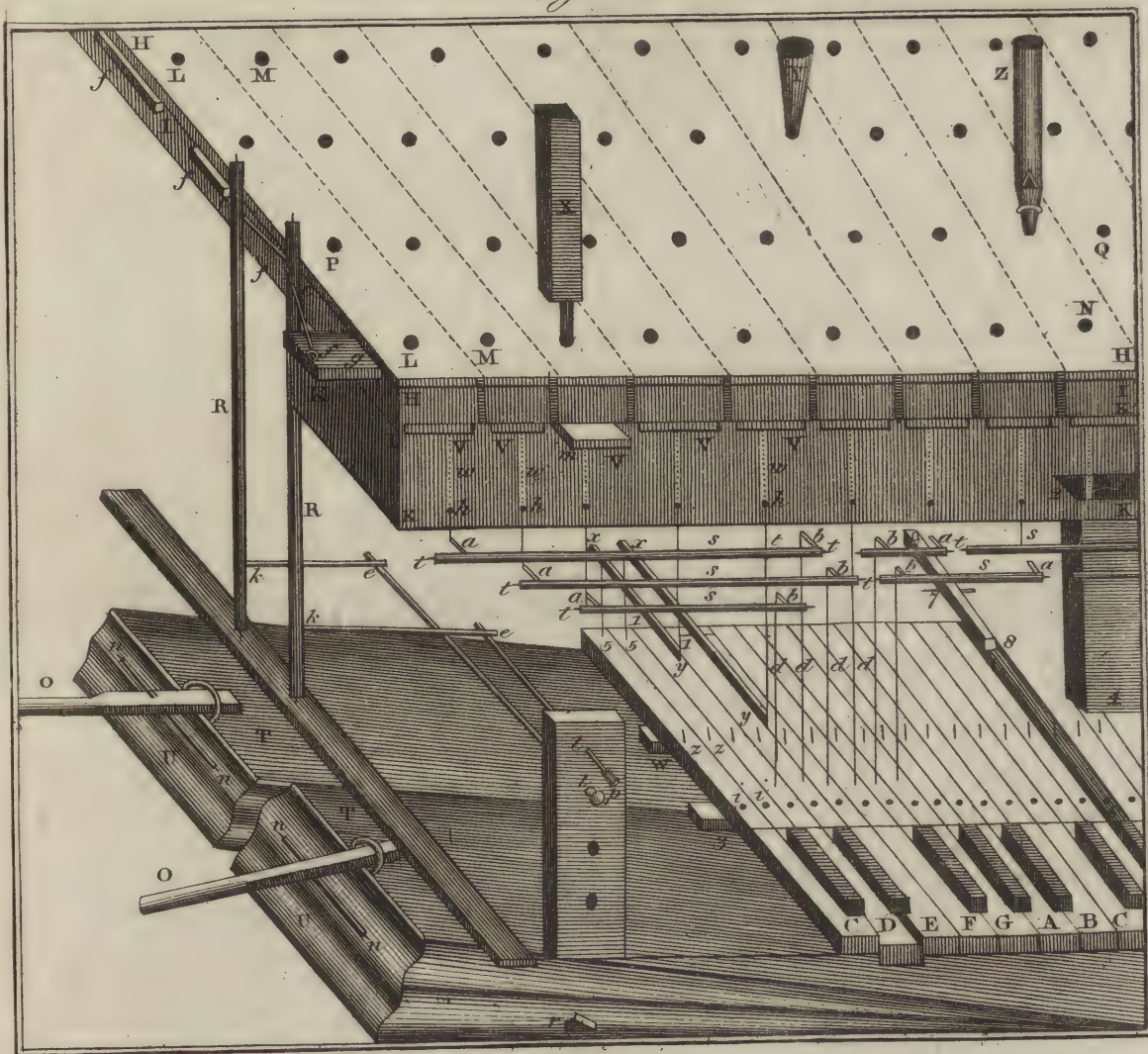


Fig. 3.

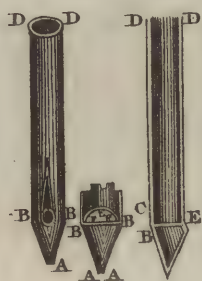


Fig. 4.

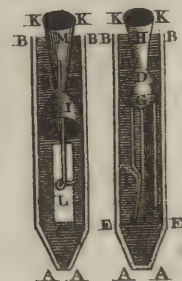
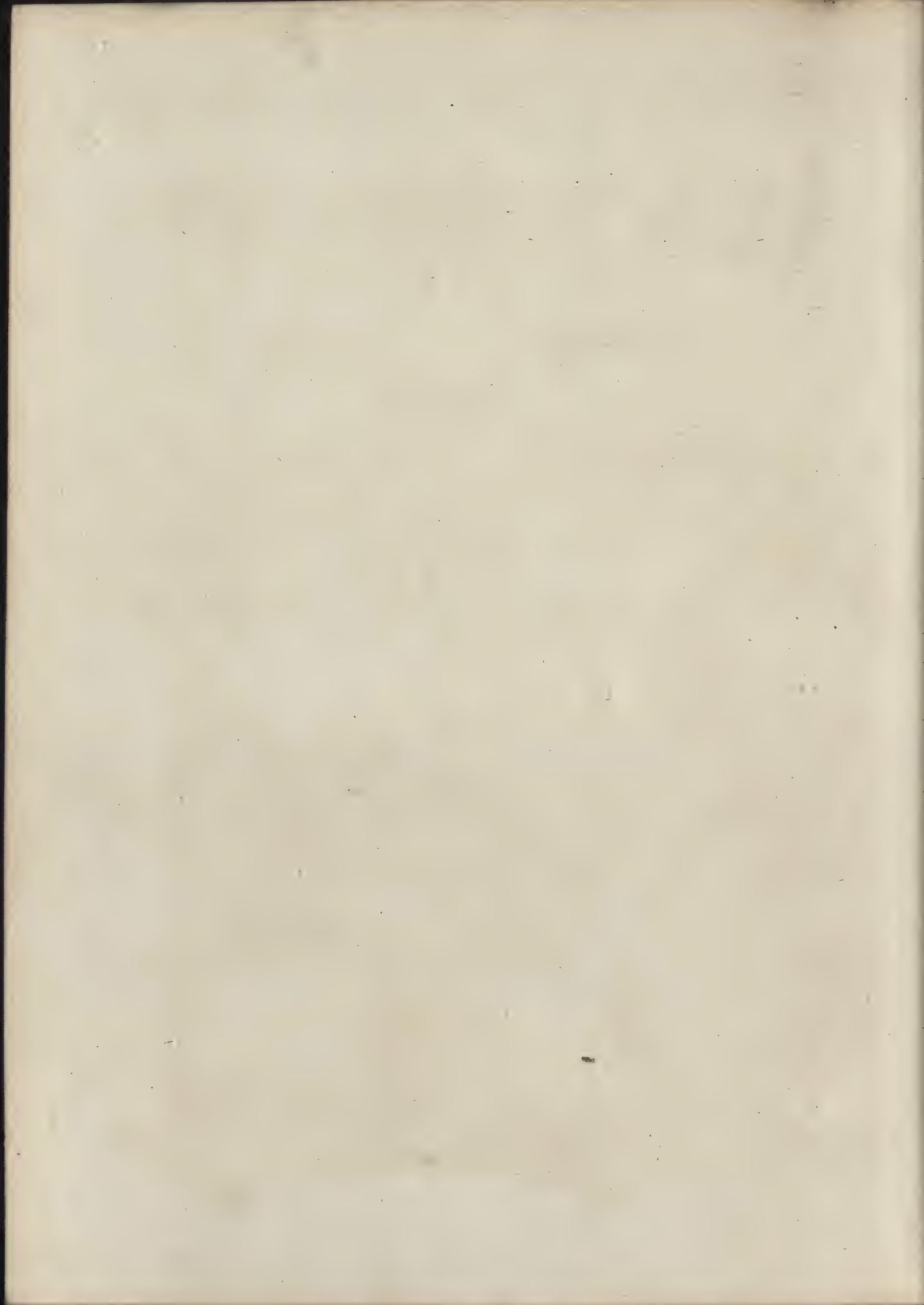


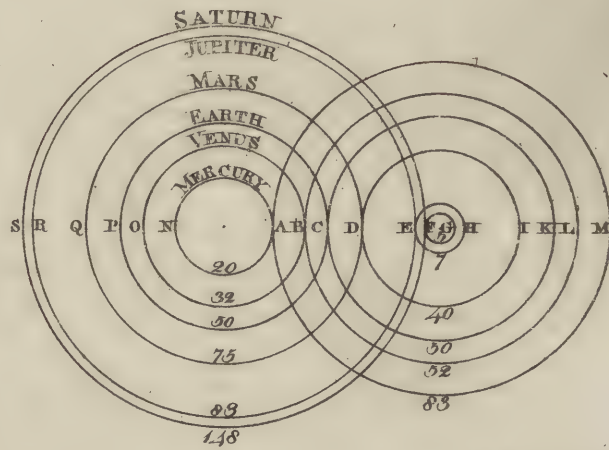
Fig. 2.











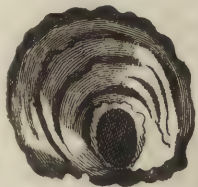
Ostrea Ehippium.



Otis Tarda.



Ostrea Edulis.





OVIS.

Plate CCCLXX.
Ewe.

Common Ram.



Ewe.

Iceland Ram.



Spanish Ram.



Barbary Wedder.



Morvant of China.



Broad tailed Sheep.



Indian Ram.



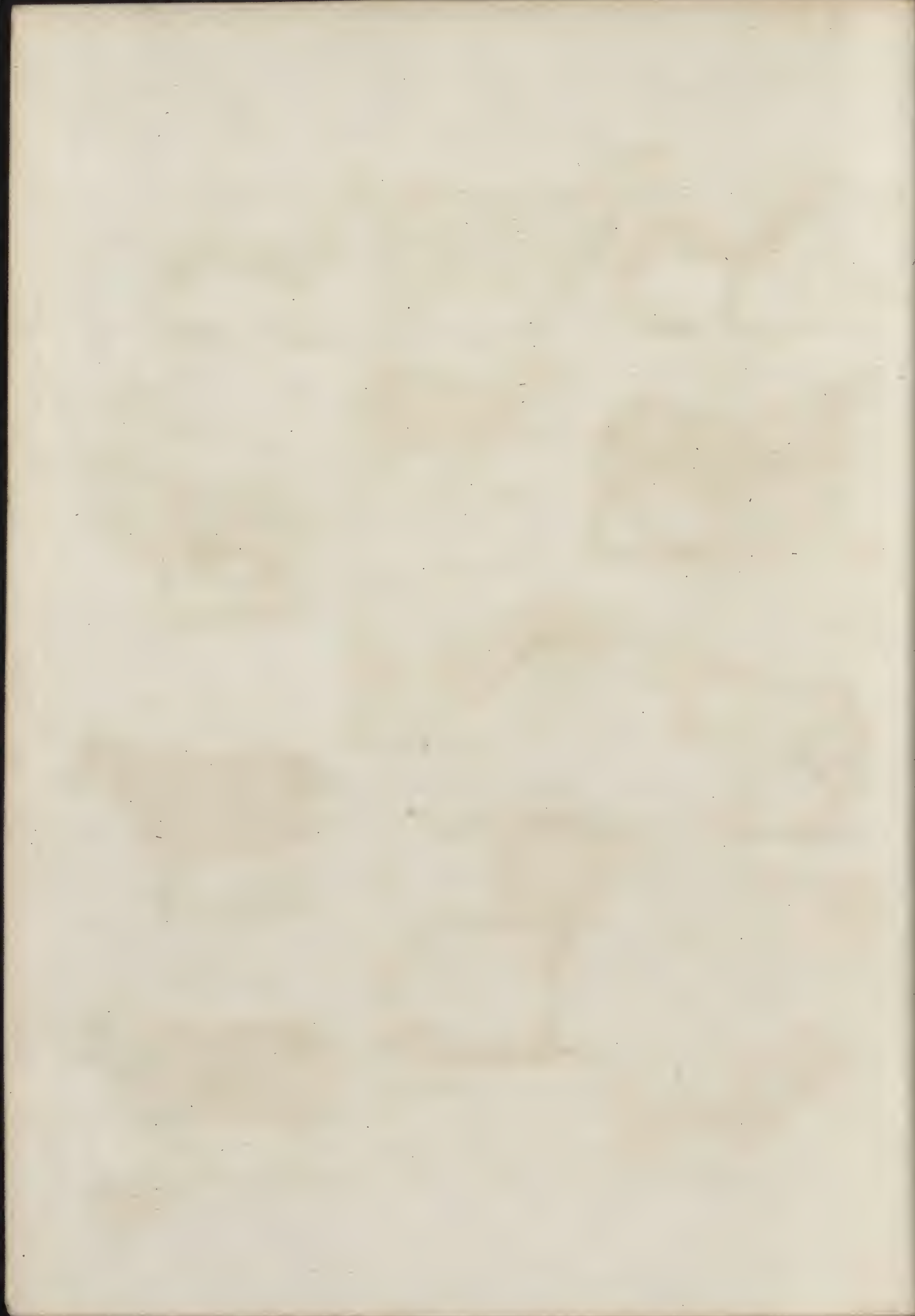
Ram of Tunis.



Cape Sheep.



A Bell Prin. Wall Sculptor fecit.



OVIS.

Plate CCCLXXI.

Indian Ram.



Walachian Ram.



Walachian Ewe.



Indian Ewe.



Russian Sheep.



*The Siberian argali,
or Wild Sheep.*

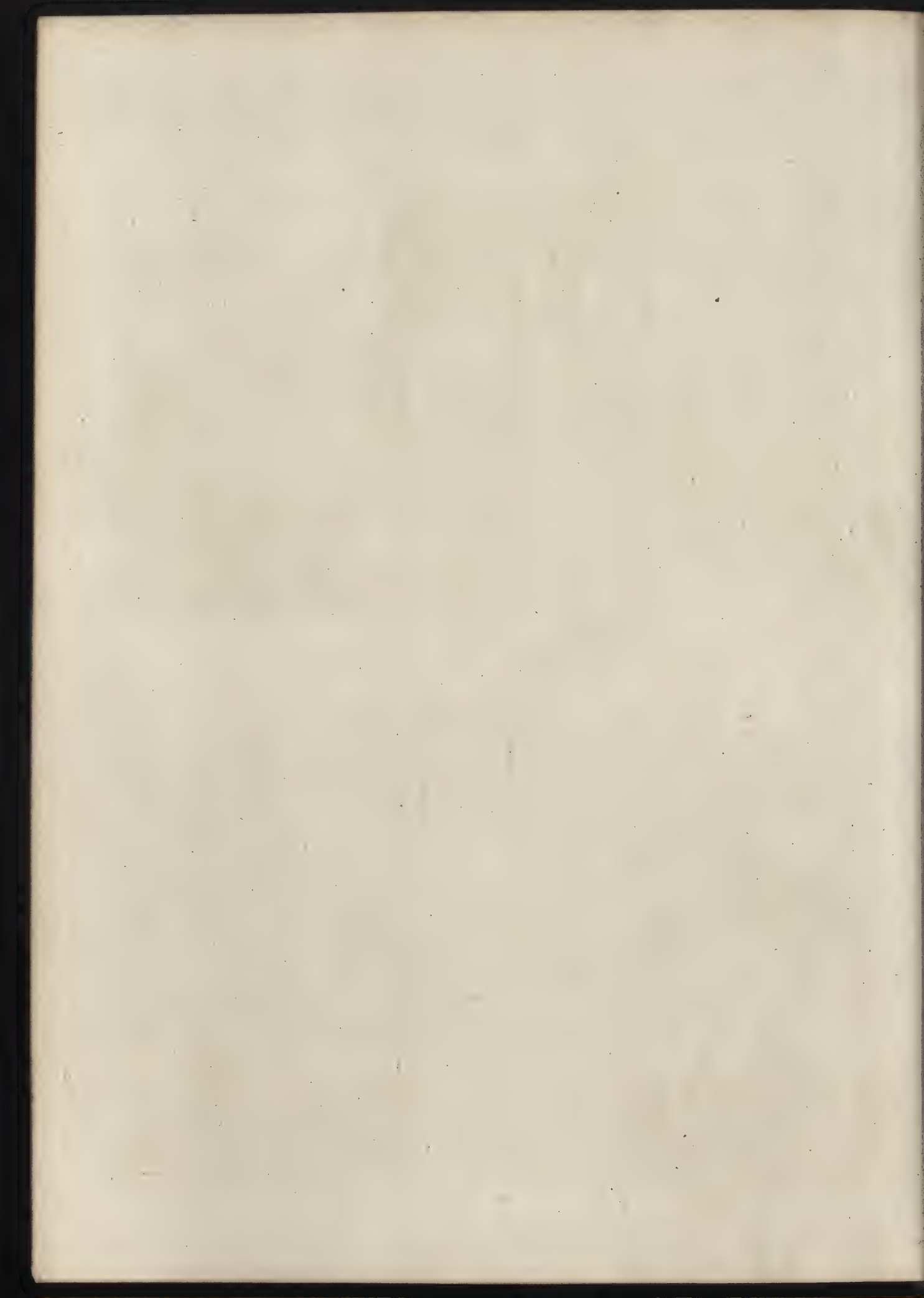


Montopyga, Russian Sheep.

Russian Sheep.



A. Bell Pin. Wals. Sculptor fecit.



*Ruins of the Ancient City of
Palmyra.*

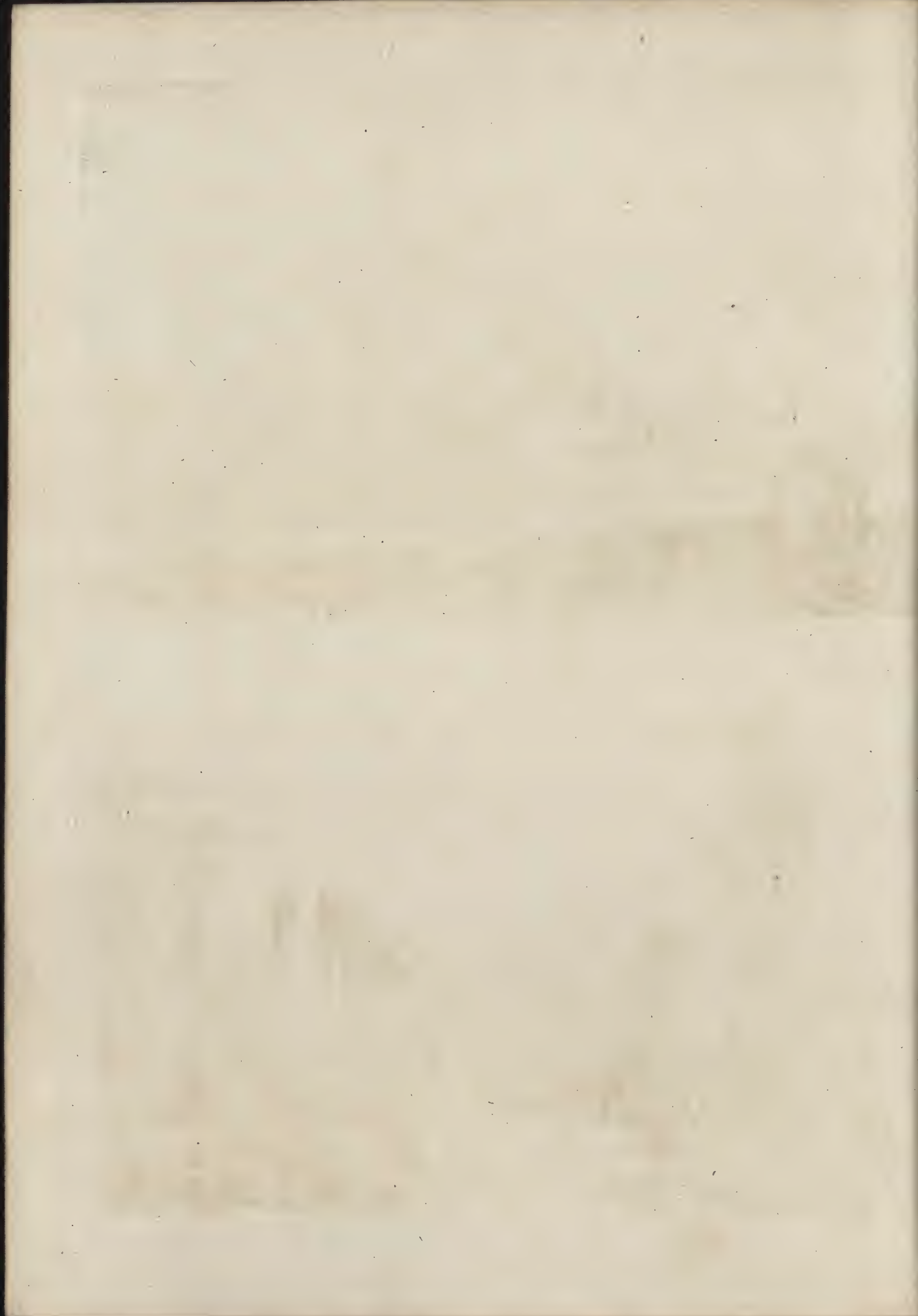
Plate CCCLXXII.



The Remains of the Great Temple of the Sun in Palmyra from the West.



A. Bell Pinx. W. L. Sculptor fecit.



Panax Quinquifolium.



1 2 3

Panorpa.



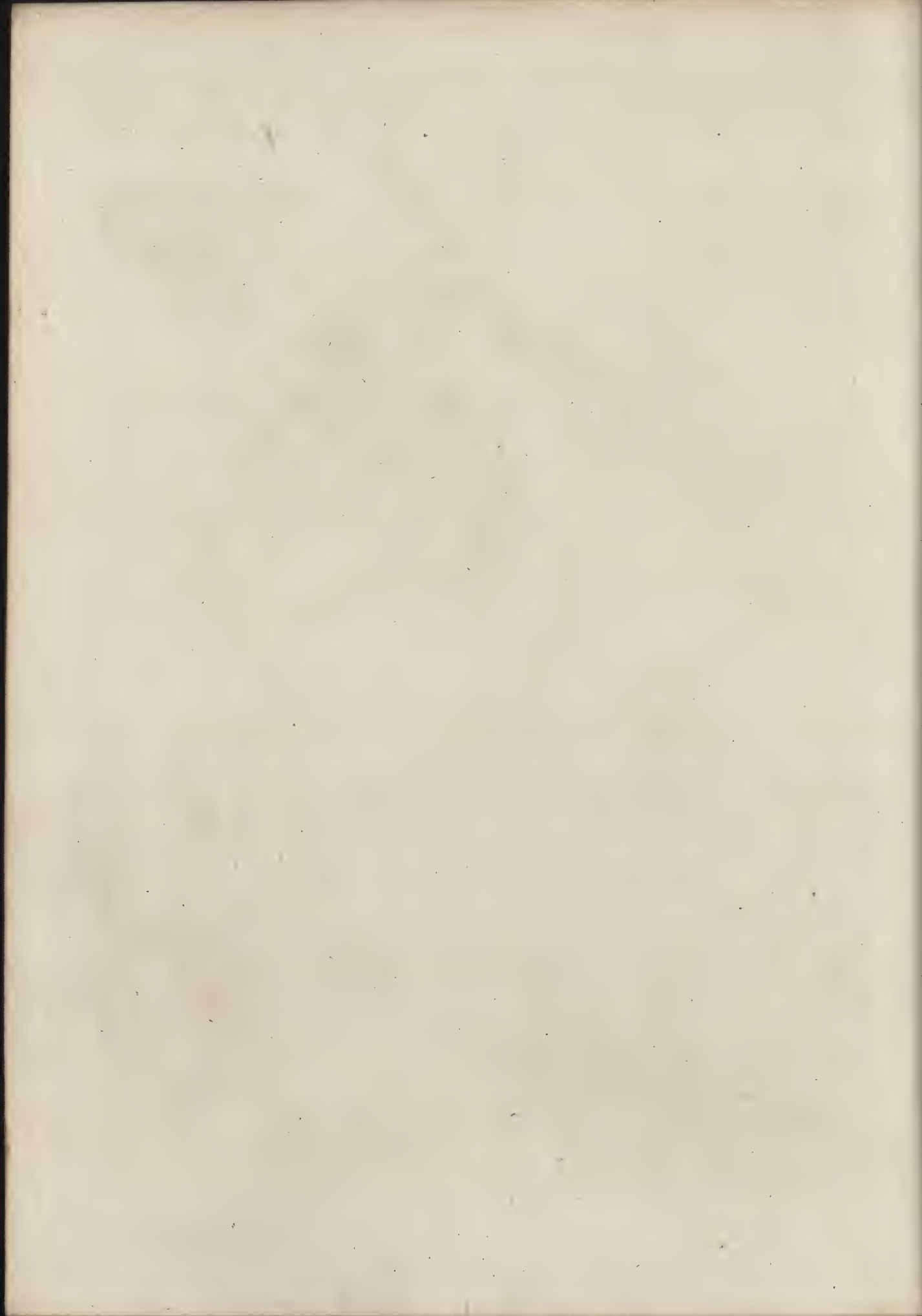
Papaver Rhoeas.



Papaver Somniferum.



A. Bell. Pin. Wal. Sculptor fecit.



Papilio.



Birds of Paradise.



Palamedea.

or the Horned Lamer.



Pangolin of Hindostan or the Iayracia.



A. Bell & Wm. H. & A. S. P. fecit.

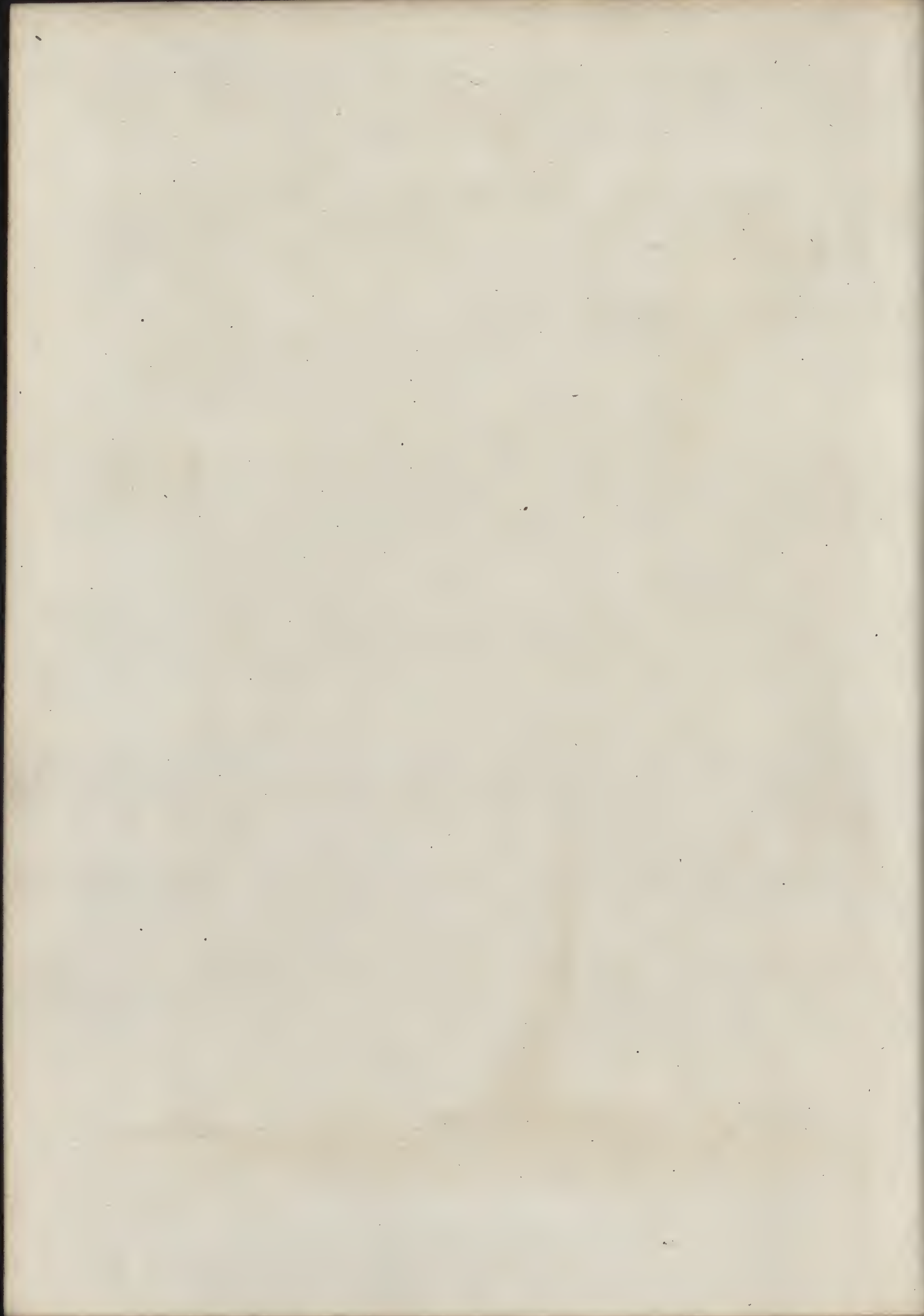


Papyrus.

Plate CCCLXXV.

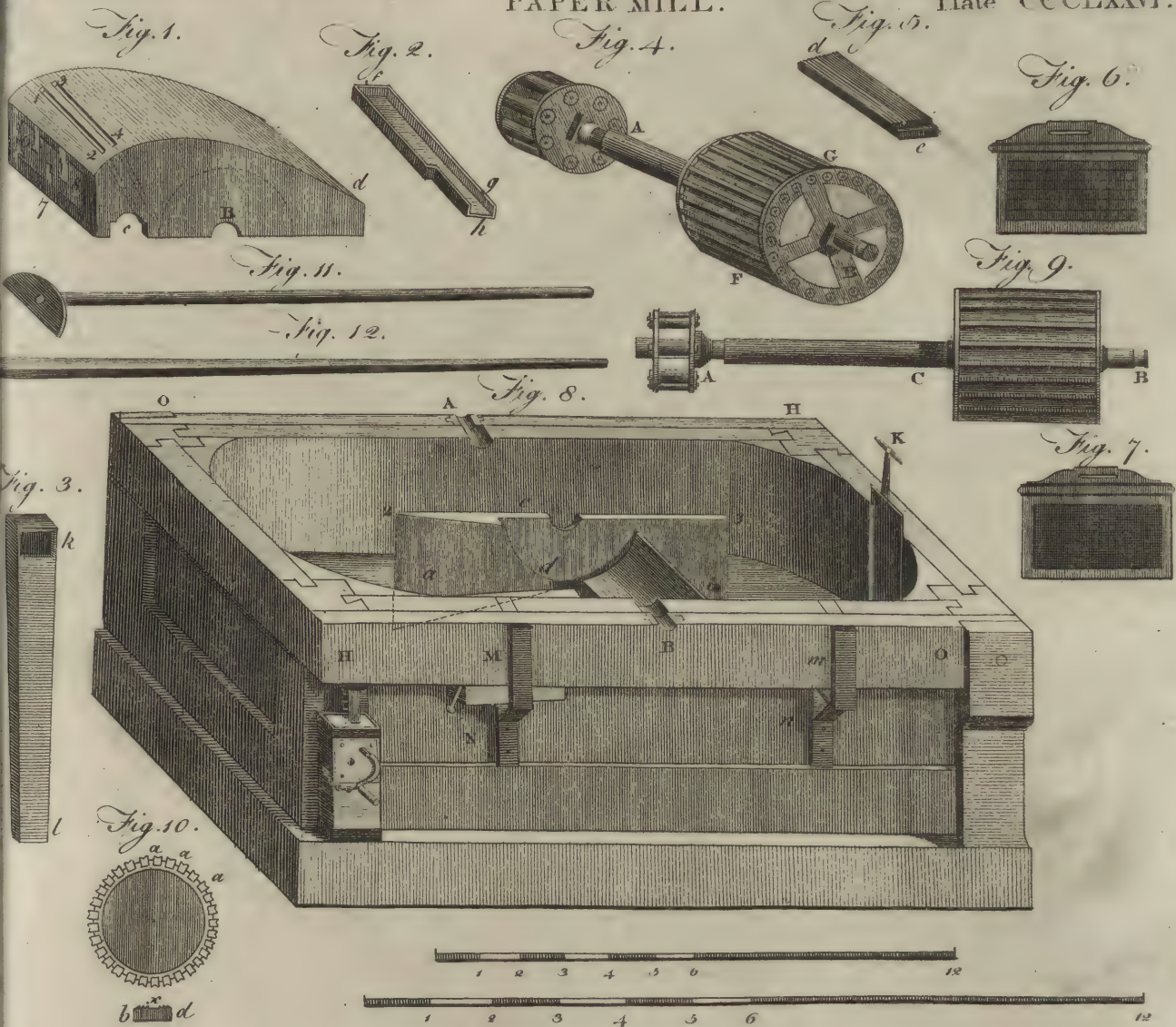


A. Bell Pin. H. & A. sculptor fecit.

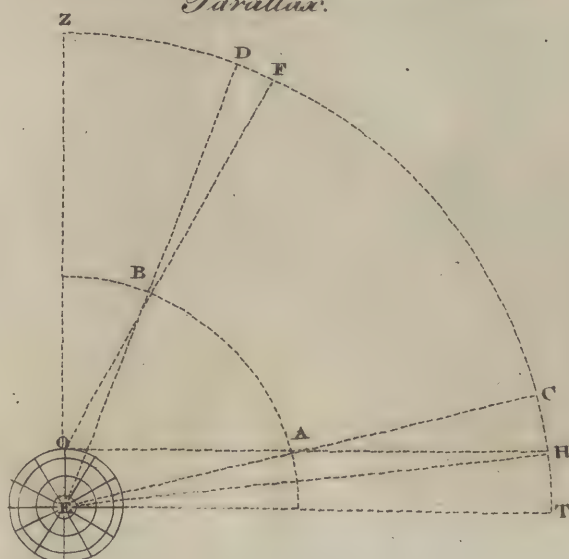


PAPER MILL.

Plate CCCLXXVI.

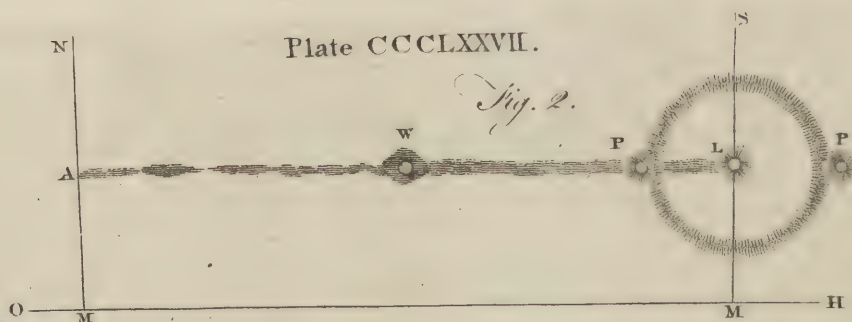


Parallax.



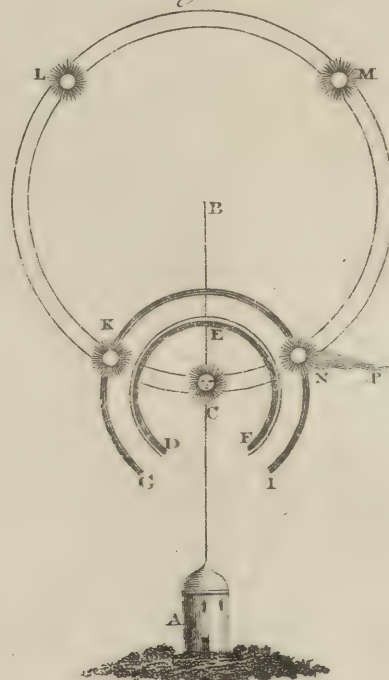
W. Bell Pin. H. A. Sculptor fecit.

Fig. 2.

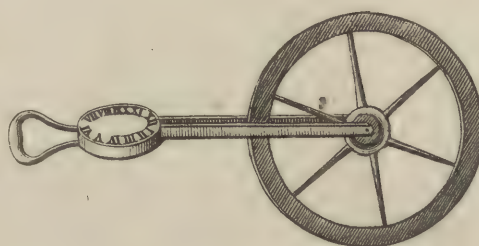


Parhelion.

Fig. 1.



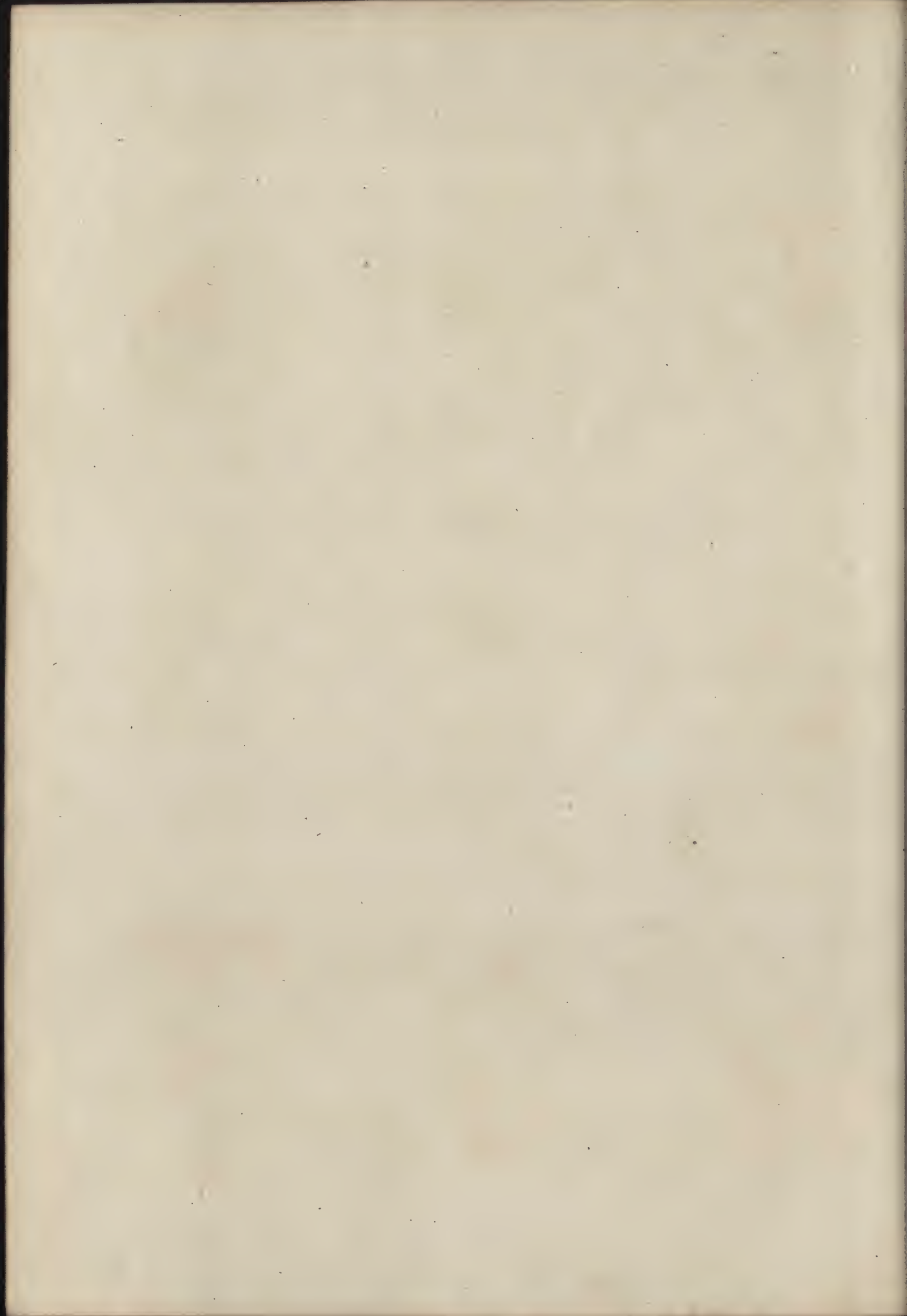
Perambulator.



J. D. M. Prin. Mat. Sculptor fecit.



*Parus.
or Titmouse.
M & J*



PASSIONS.

Plate CCCLXXIII.

Attention.



Veneration.



Admiration.



Admiration with Astonishment.



Joy with Tranquility.



Rapture.



Desire.



Simple Bodily Pain.



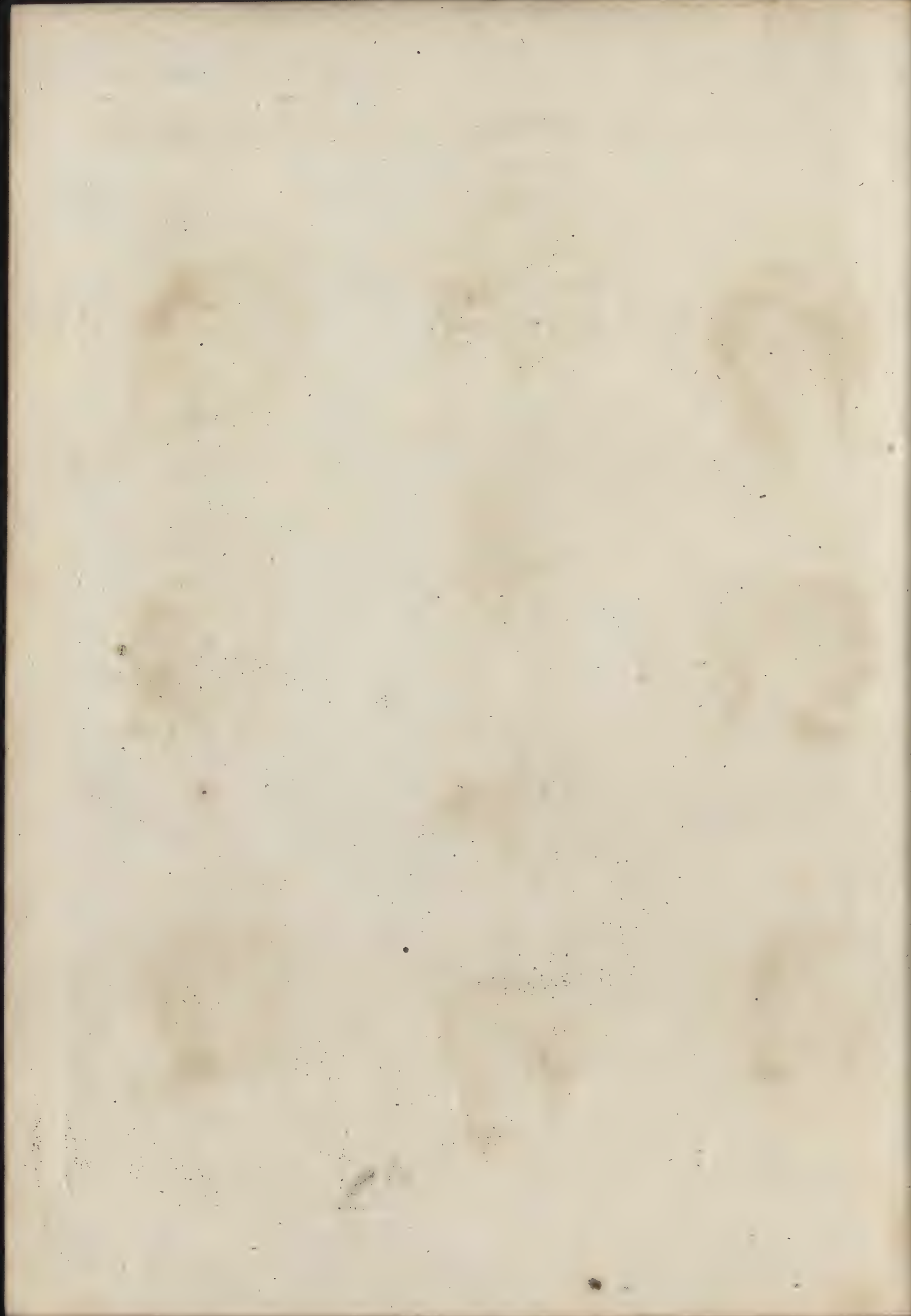
Laughter.



Acute Pain.



A Bole Pain. Malachukp. post.



PASSIONS.

Plate CCCLXXIX.
Compassion.

Sadness.



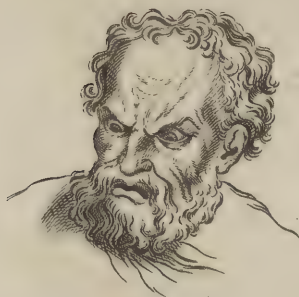
Weeping.



Scorn.



Horror.



Terror or Fright.



Anger.



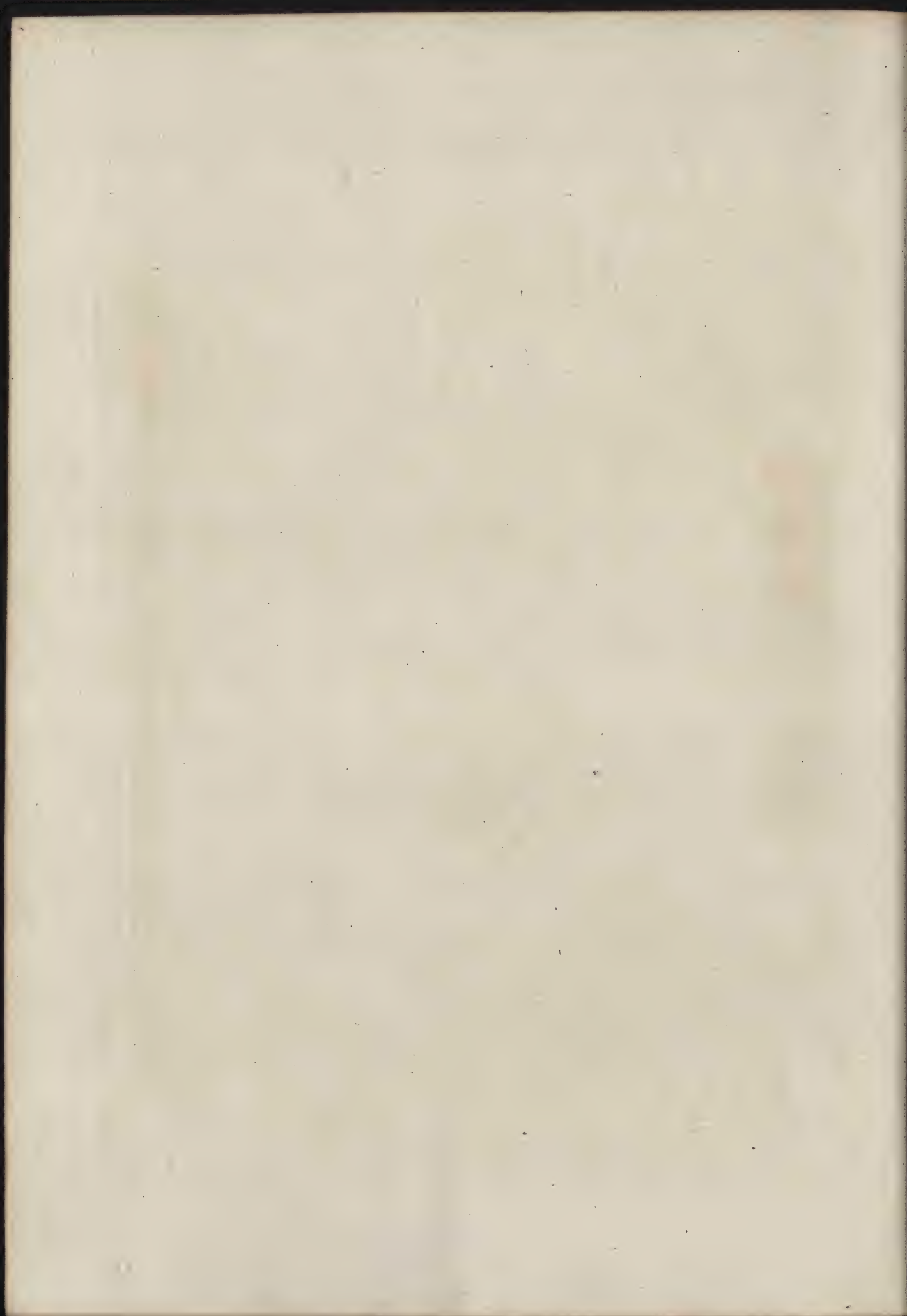
Hatred or Jealousy.



Despair.



Alb. D. Pin. H. & Co. sculpt. fecit.



PENDULUM.

Plate CCCLXXX.

Fig. 1.

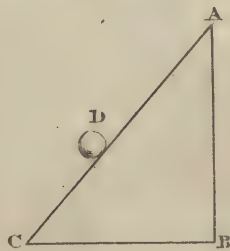


Fig. 2.



Fig. 8.



Fig. 7.



Fig. 4.

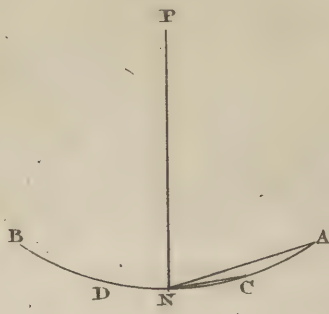


Fig. 3.

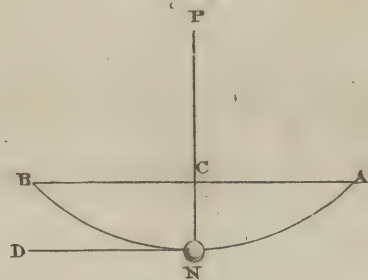


Fig. 5.

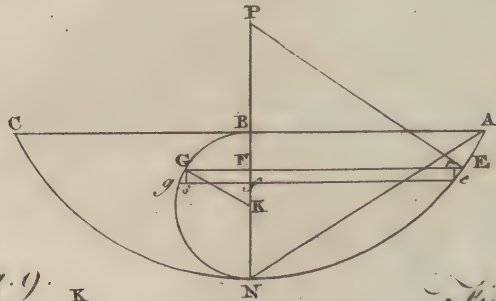


Fig. 9.

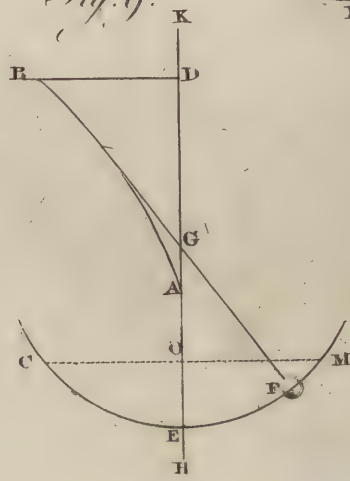
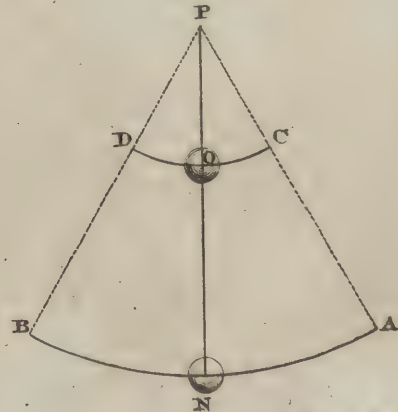


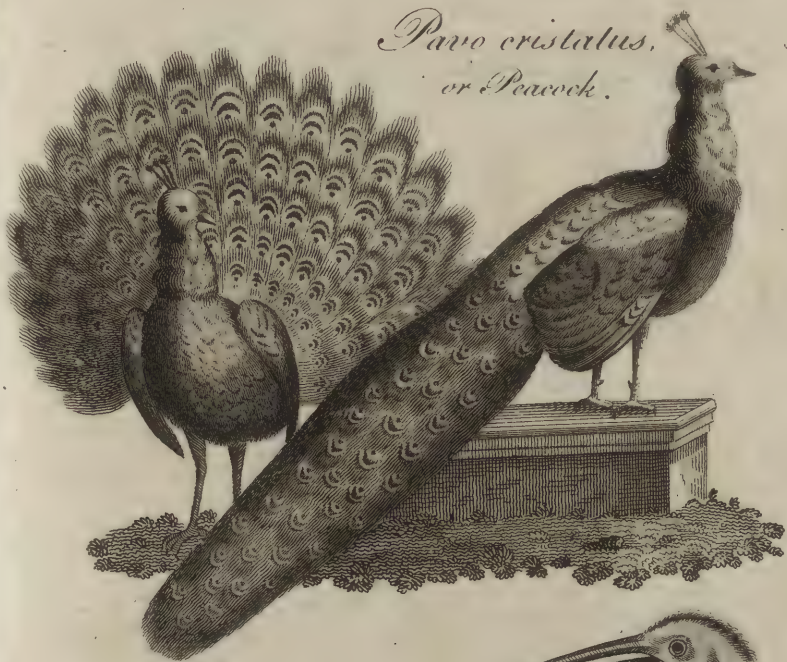
Fig. 6.



A Bell & Co. Watch & Clock Makers



Pavo cristatus.
or Peacock.



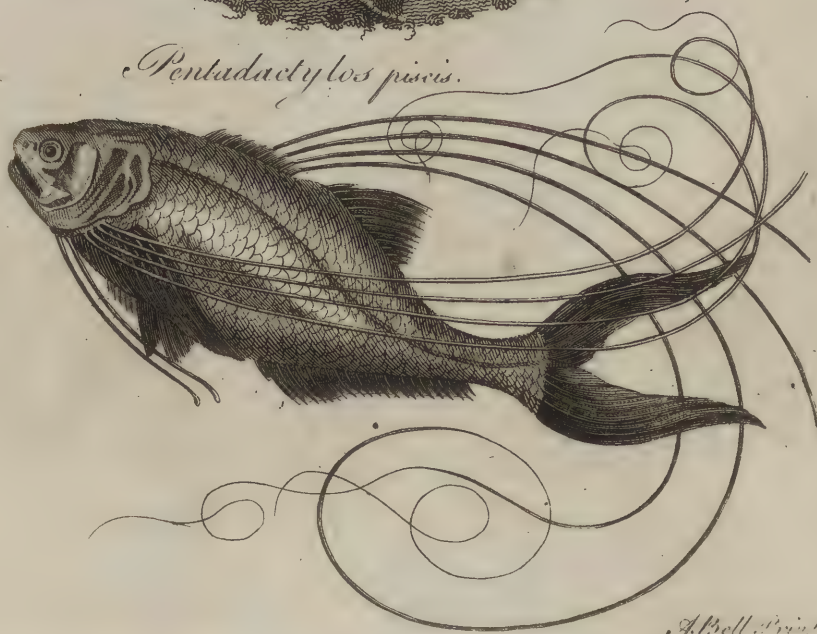
Penelope
or horned Pheasant.



Pelecanus.



Pentadactylos piscis.





Patella.

Fig. 9.

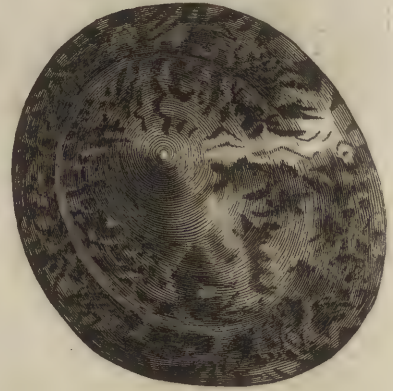


Fig. 5.

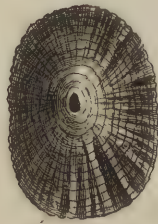


Fig. 8.



Fig. 7.

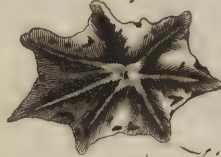


Fig. 2.

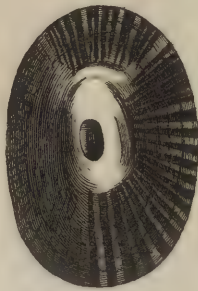


Fig. 4.

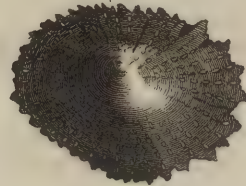


Fig. 6.

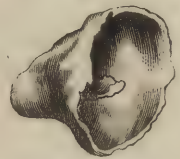


Fig. 13.

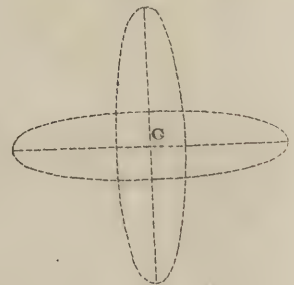


Fig. 12.

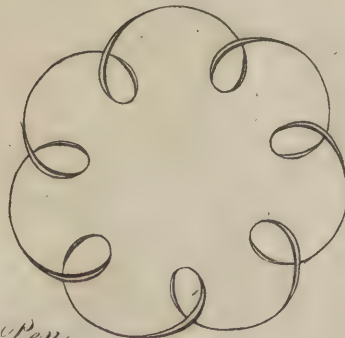
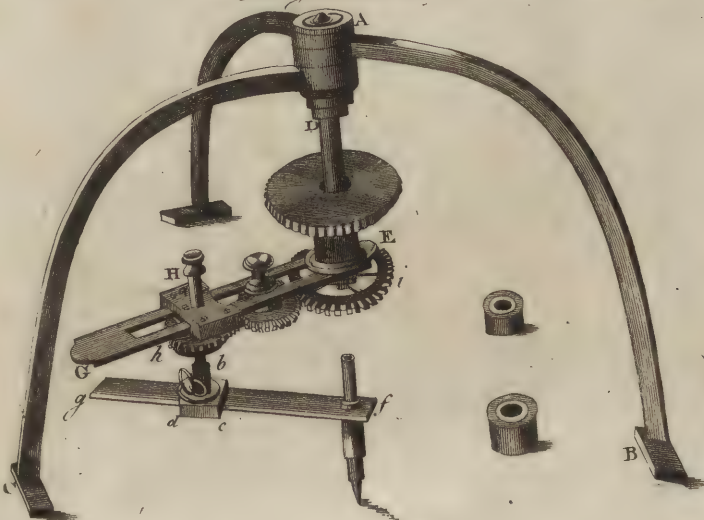
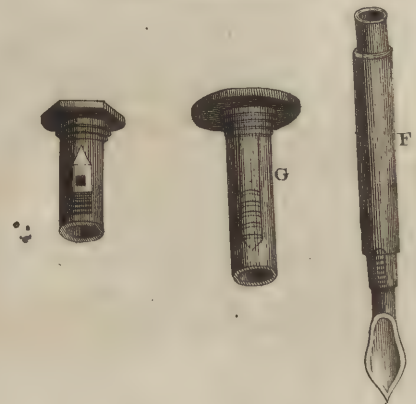


Fig. 10.
The Geometrical Pen.

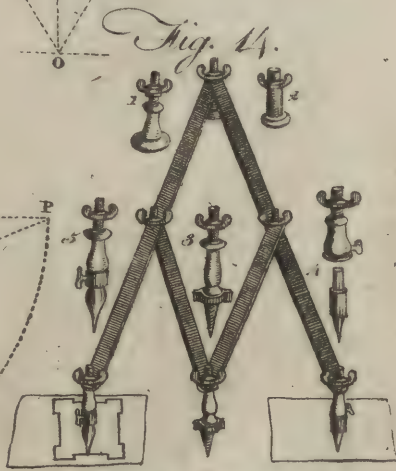
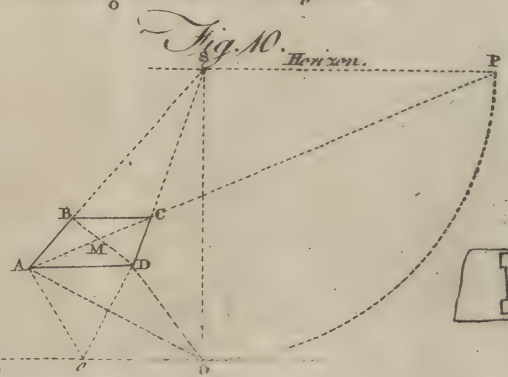
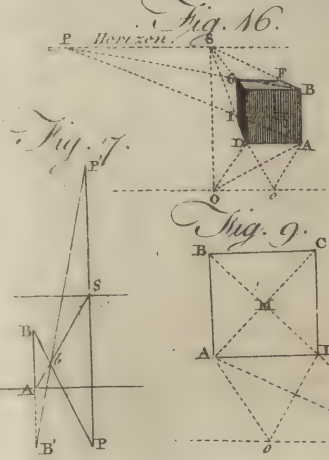
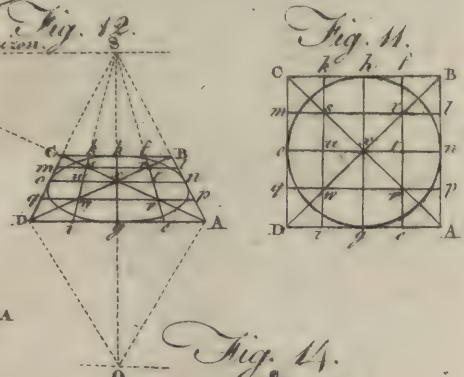
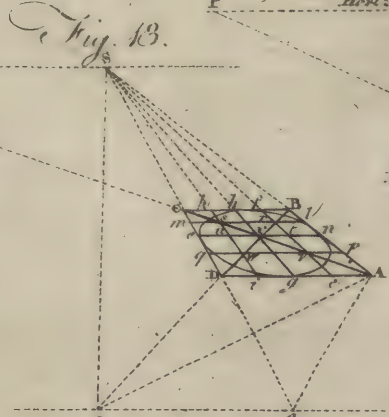
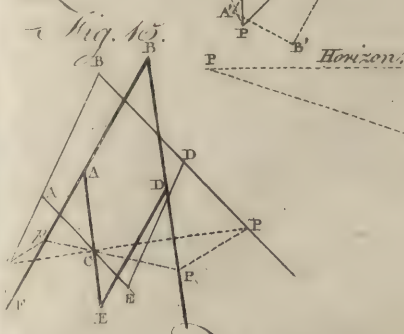
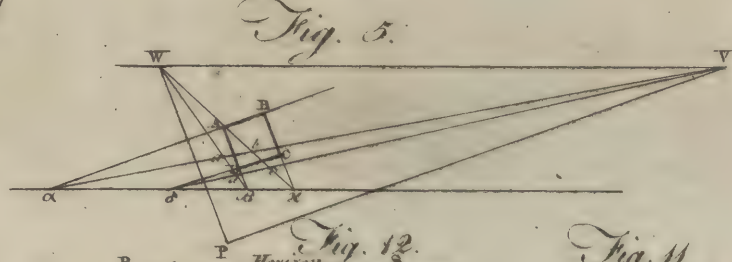
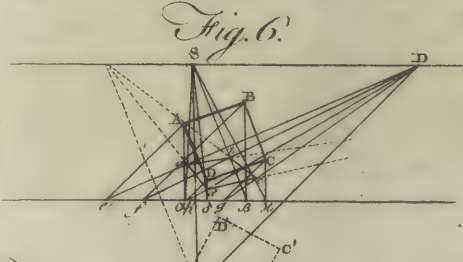
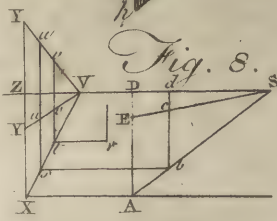
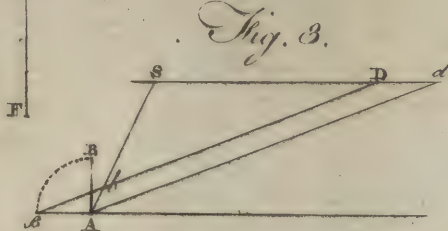
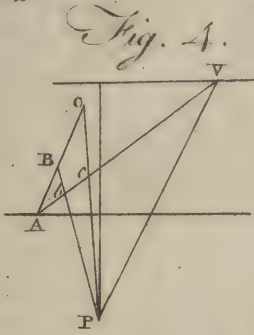
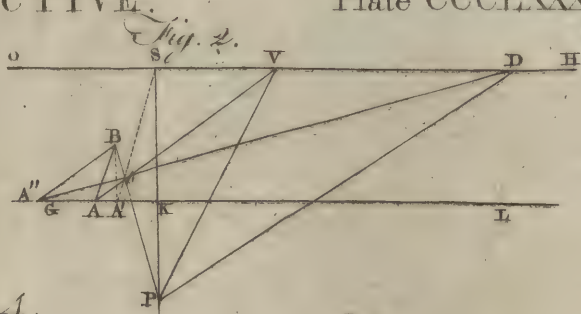
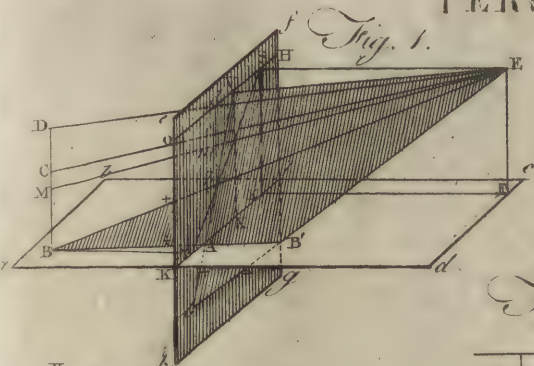


The Fountain Pen.



J. Bell Prin. Wal. Sculptor fecit.





Ch. Bell Pin. Malt. Sculptor Scot.



Fig. 1.

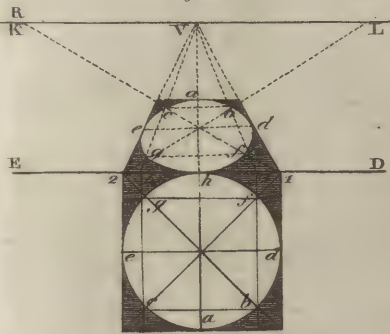


Fig. 2.

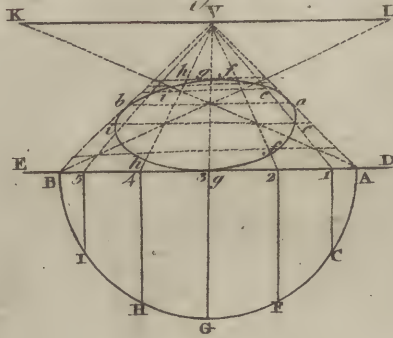
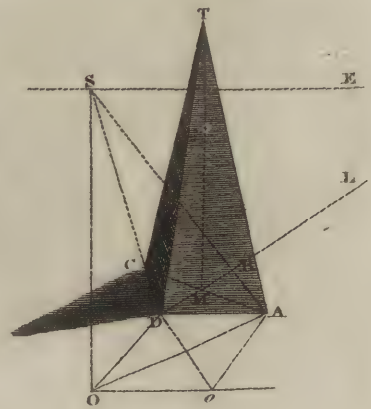


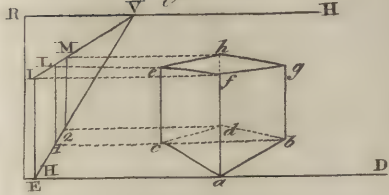
Fig. 4. N.º 1.



Horizon

Fig. 5.

Fig. 3.



Horizon

Fig. 8. N.º 2.

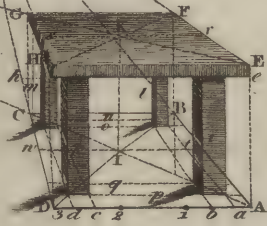


Fig. 4. N.º 2.



Fig. 6.

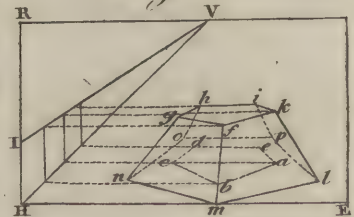


Fig. 7. N.º 1.

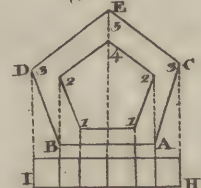
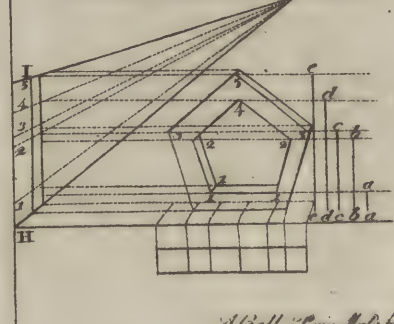


Fig. 7. N.º 2.



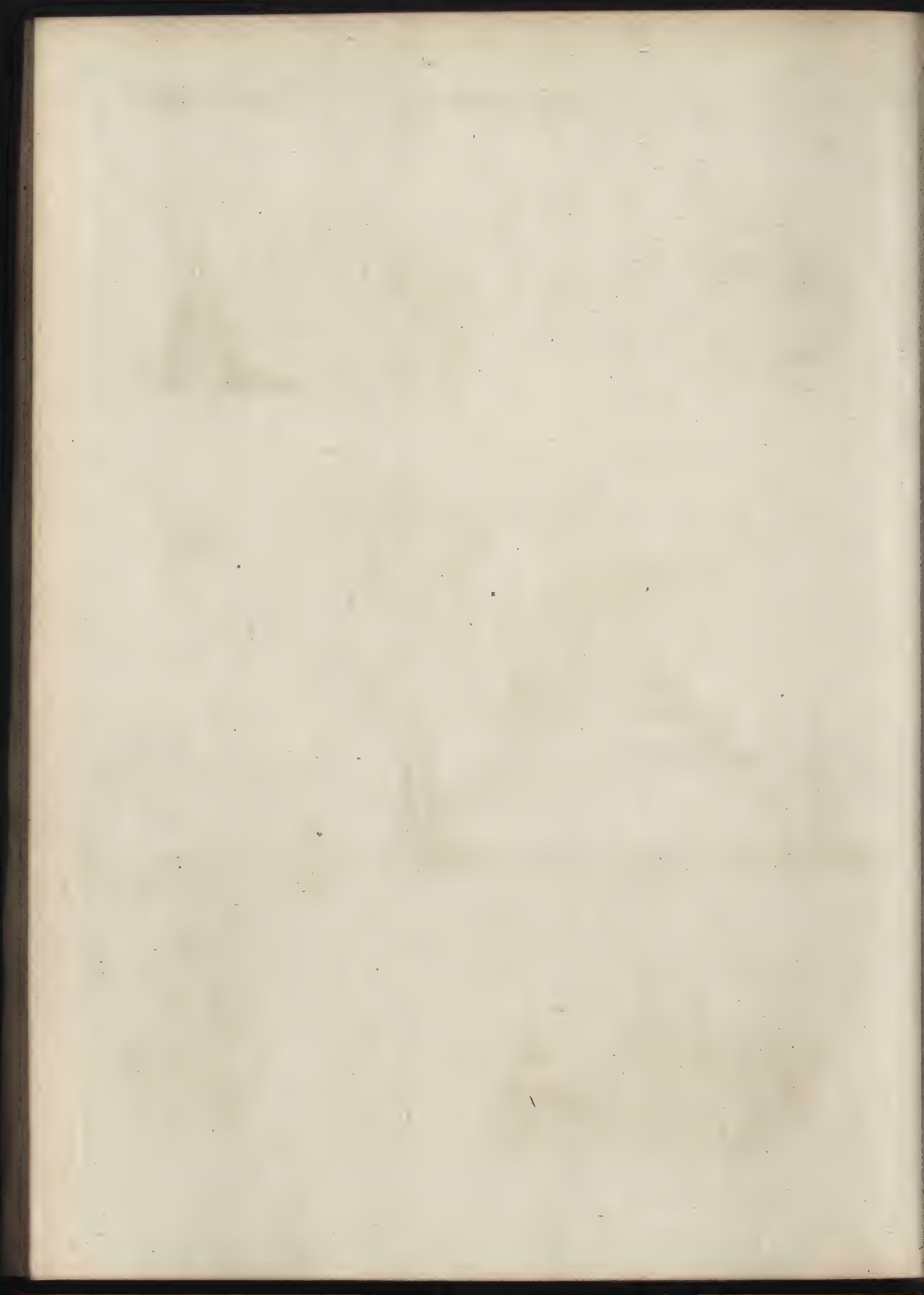


Fig. 1.

Horizon.

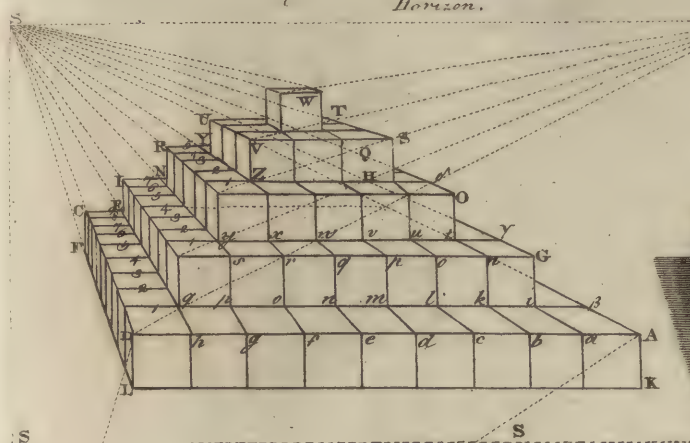


Fig. 2.

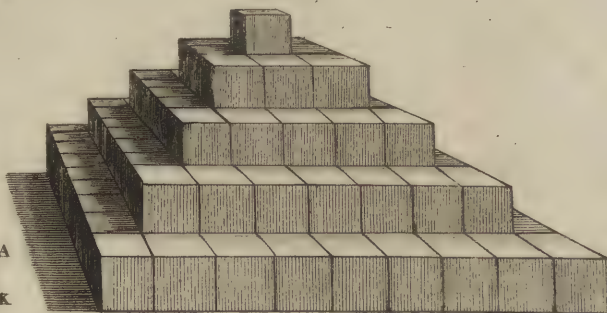


Fig. 3.

Horizon.

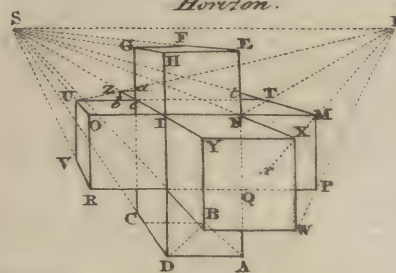


Fig. 5.



Fig. 7.

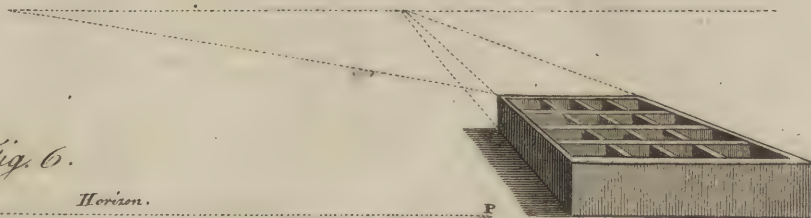


Fig. 6.

Horizon.

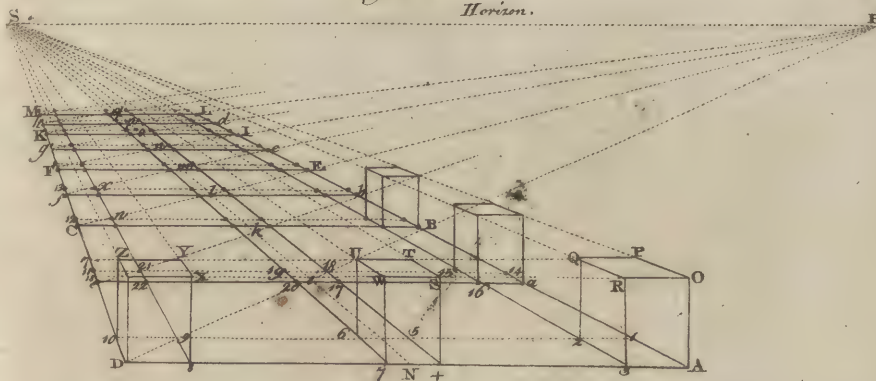
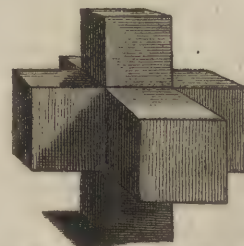


Fig. 4.



A. Belli Pin. Ital. Sculptor fecit.

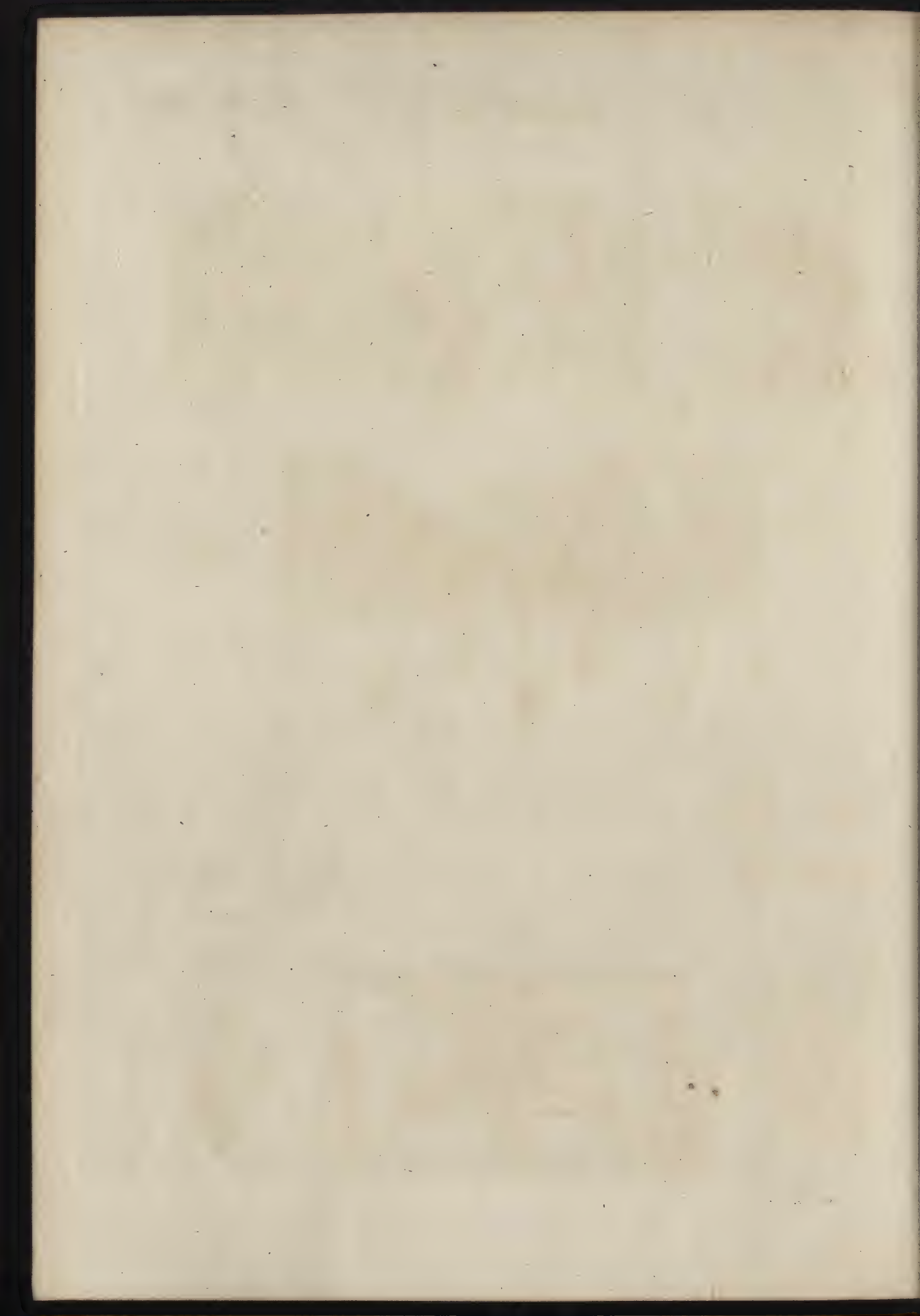


Fig. 6.

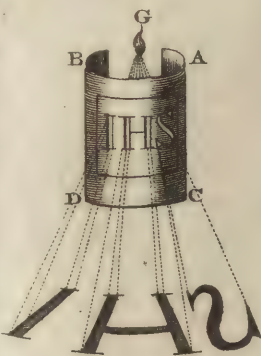


Fig. 3.

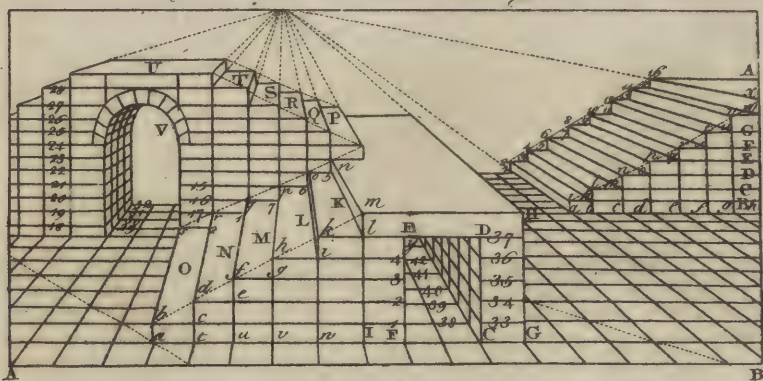


Fig. 1.

Fig. 4.

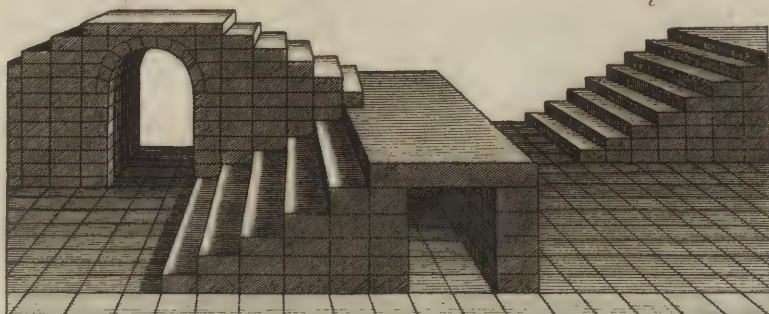


Fig. 2.

Fig. 7.

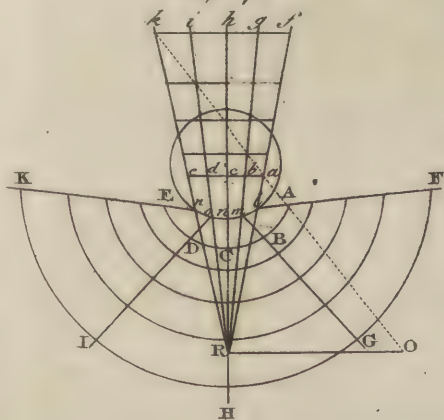


Fig. 8.

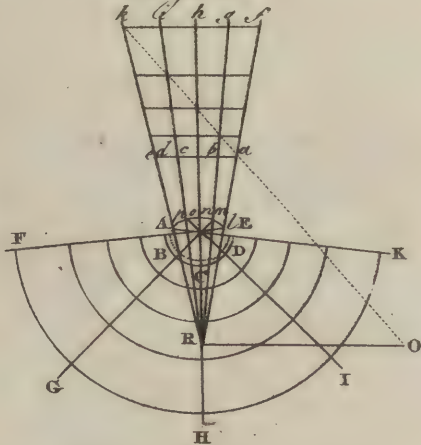


Fig. 5.

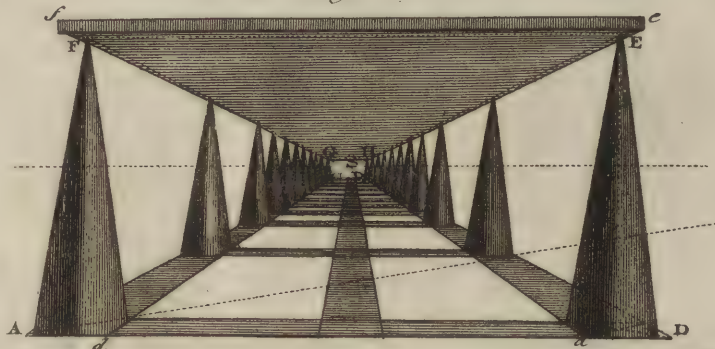




Fig. 2.

Fig. 1.

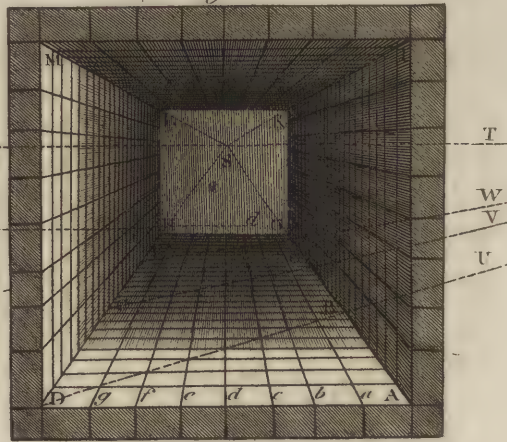
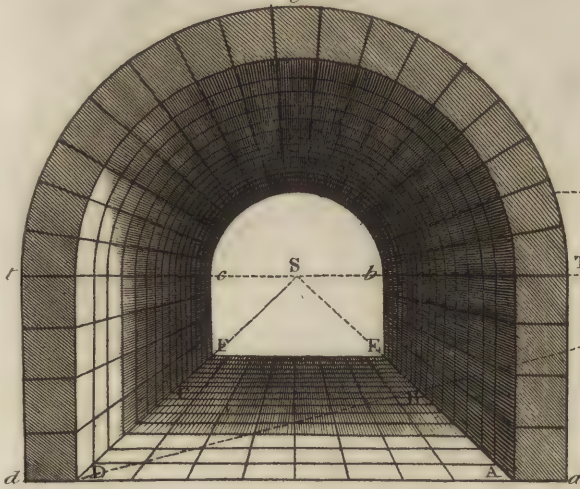


Fig. 3.

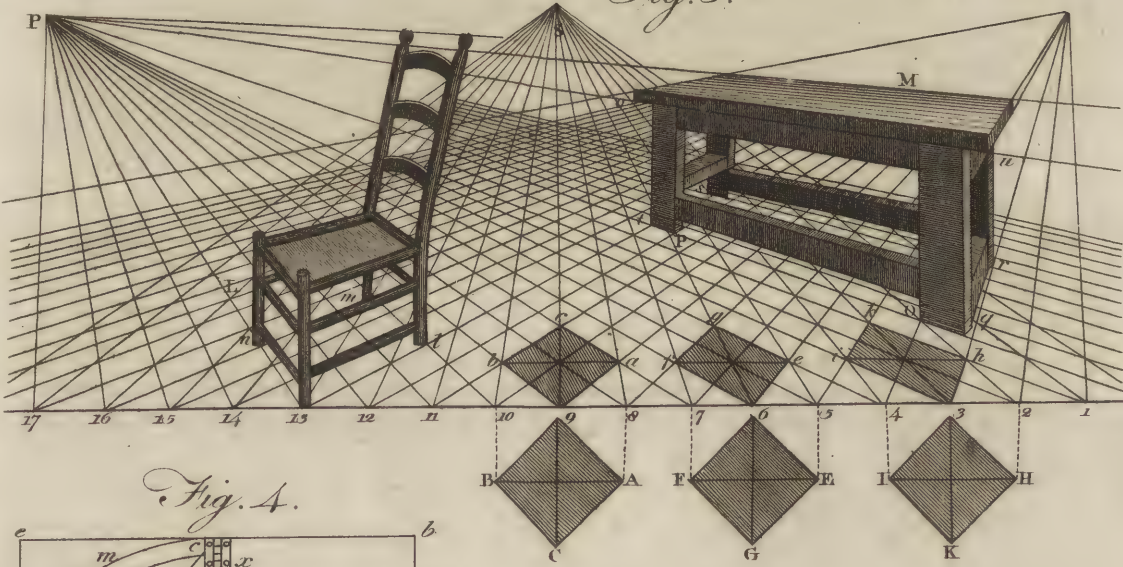


Fig. 4.

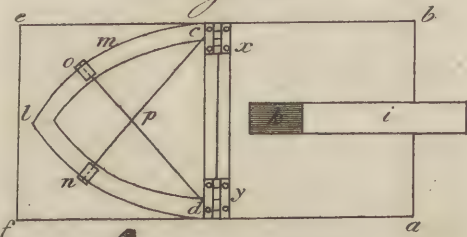
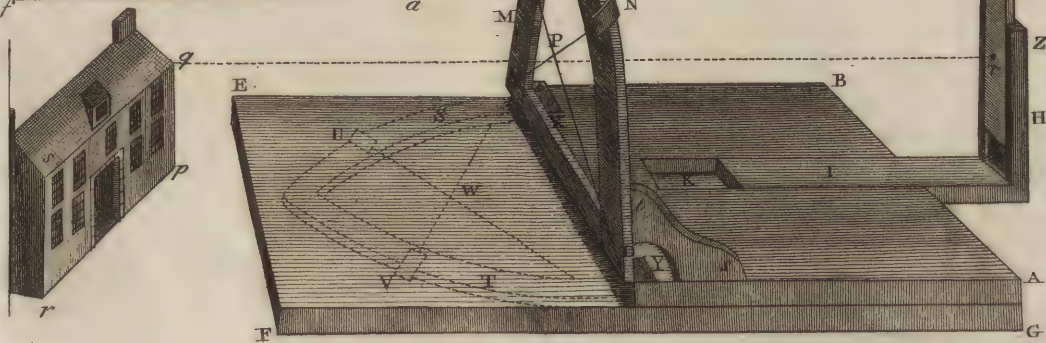


Fig. 5.







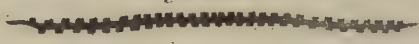
Pennatulae. Fig. 4.



Fig. 5.



Fig. 7.



Petrified animal body.

Fig. 10.



Fig. 9.



Phalena.

Plate CCLXXXIX.

N.º 1.



N.º 2.



N.º 3.



N.º 5.



N.º 4.



Phaeton or Tropic Bird.



Persopolis.



J. Bell Pin. M. Del. & Sculp. fecit.



*Exemplum Ionicarum Priscarum
Literarum ex columna, quæ in viâ Appiâ reperta, postea ad hortos
Farnesianos traducta est.*

ODEMI. ΘΕΜΙΤΟΝ. ΜΕΤΑΚΙΝΕΣ ΑΙΕΚ. ΤΟ. ΤΡΙΟΡΙΟ. ΗΟ
ΕΣΤΙΝ. ΕΗ. ΤΟ. ΤΡΙΤΟ. ΕΝ. ΤΕΙ. ΗΟΔΟΙ. ΤΕΛ. ΑΡΛΑΙ. ΕΝ ΤΟΙ
ΗΕΡΟΔΟ. ΑΙΡΟΙ. ΟΛΑΡ. ΛΟΙΟΝ. ΤΟΙ. ΚΙΝΕΣΑΝΤΙ. ΜΑΡΤΥΣ
ΔΑΙΜΟΝ. ΕΝΗΟΔΙΑ. ΚΑΙ. ΗΟΙ. ΚΙΟΝΕΣ. ΔΕΜΕΤΡΟΣ
ΚΑΙ. ΚΟΡΕΣ. ΑΝΑΘΕΜΑ. ΚΑΙ. ΘΟΝΙΟΝ. ΘΕΟΝ. ΚΑΙ.

Sanskrit Alphabets
Vowels

अ आ इ ई उ ऊ ऋ ॠ ऌ ॡ ए ऐ ओ औ अं अः
ā or ē ā ī ē ē ō ō ru rū li lū ae ai o au ui ah, or, ch

Connected Vowels

क का कि की कु कू कृ कृ के कै को कौ कं कः

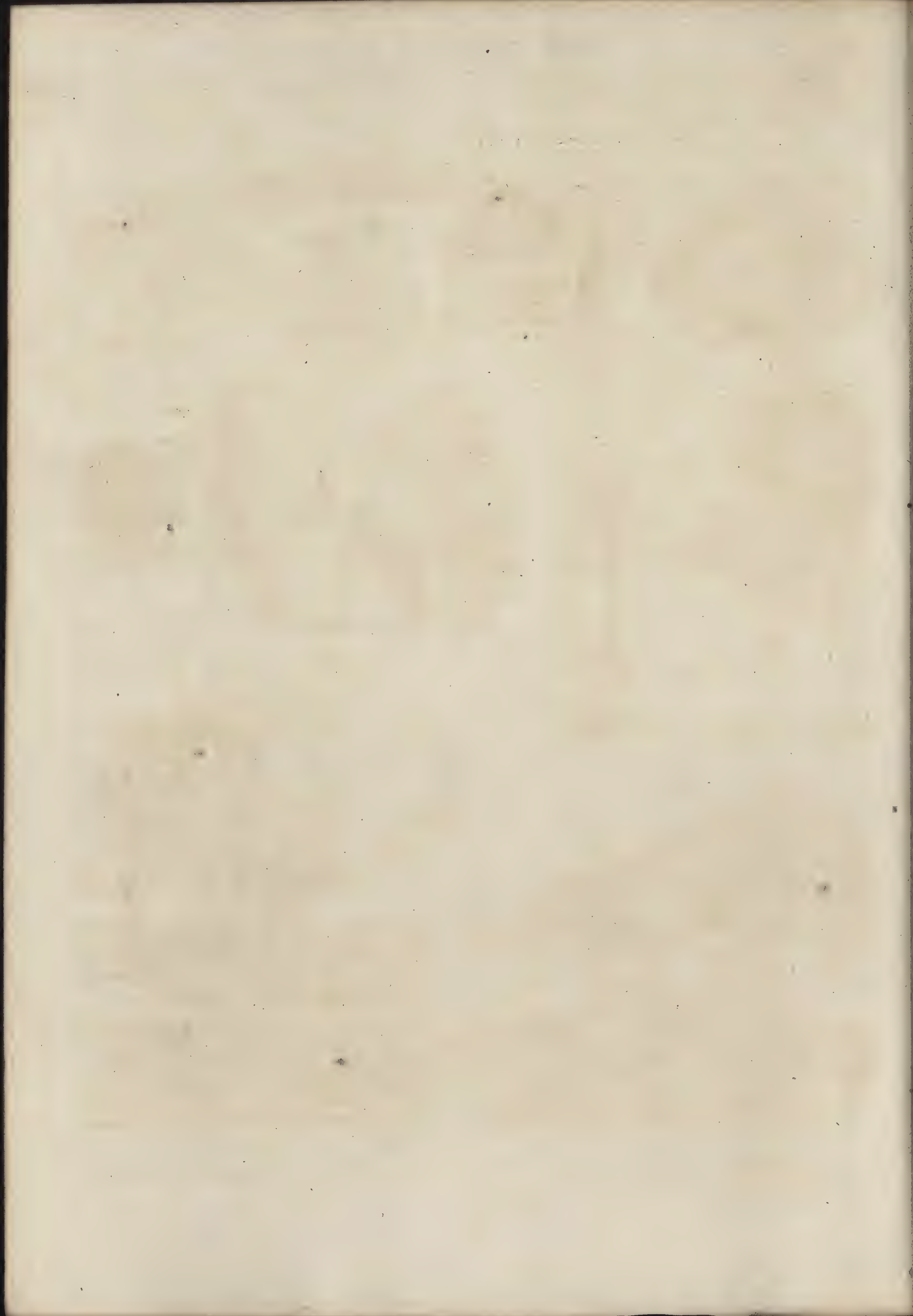
Consonants

क ख ग घ ङ च छ ज झ ञ ट ठ ड ढ ण न य द
kē khē gu ghu ŋ or ŋē chī chha ja jha ŋya tā thā dē dhē nā tē t hē dē

ध न प फ ब भ म य र ल व श ष स ह क्ष ण
dhē ne pa pha bē bhē mē yē rē lē vē śa śha ṣh s h kṣ ṇ

10





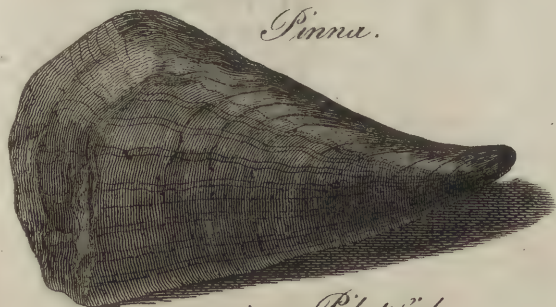
Phoenicopterus Ruber
The Flamingo.



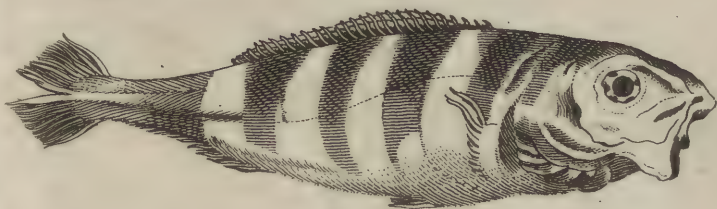
Sea cans & Pipes.



Pinna.



Pilot fish.



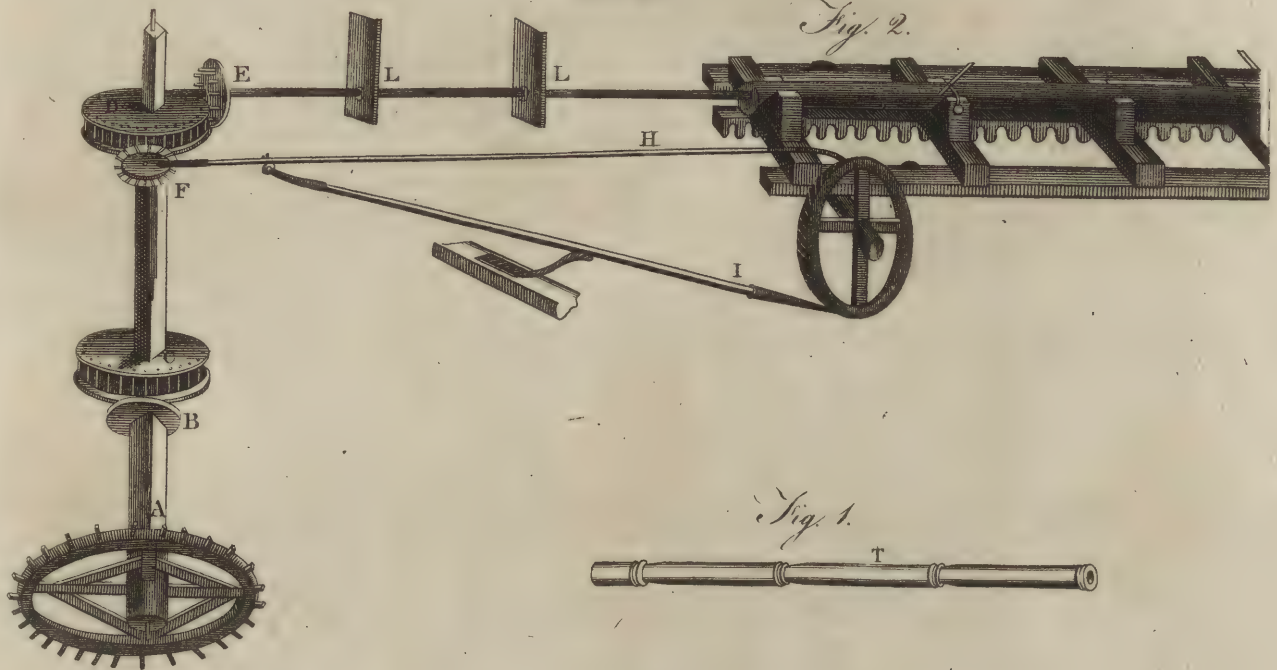
Pholas.



Abell's Pin. Mola leucophaea

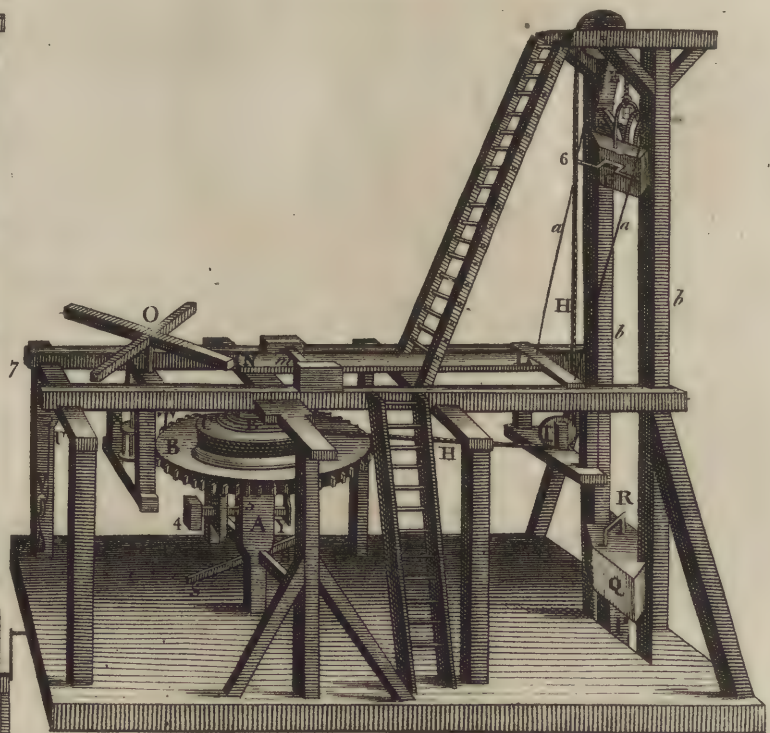
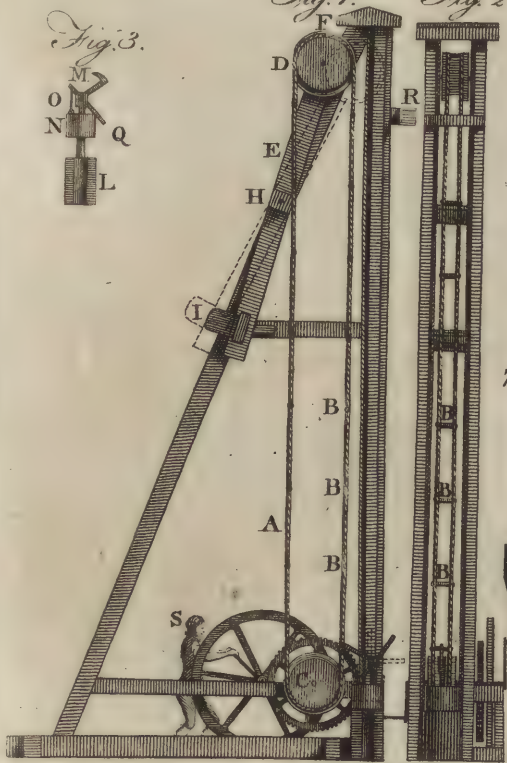
*Machine for boring wooden
PIPES.*

Plate CCCXCIII

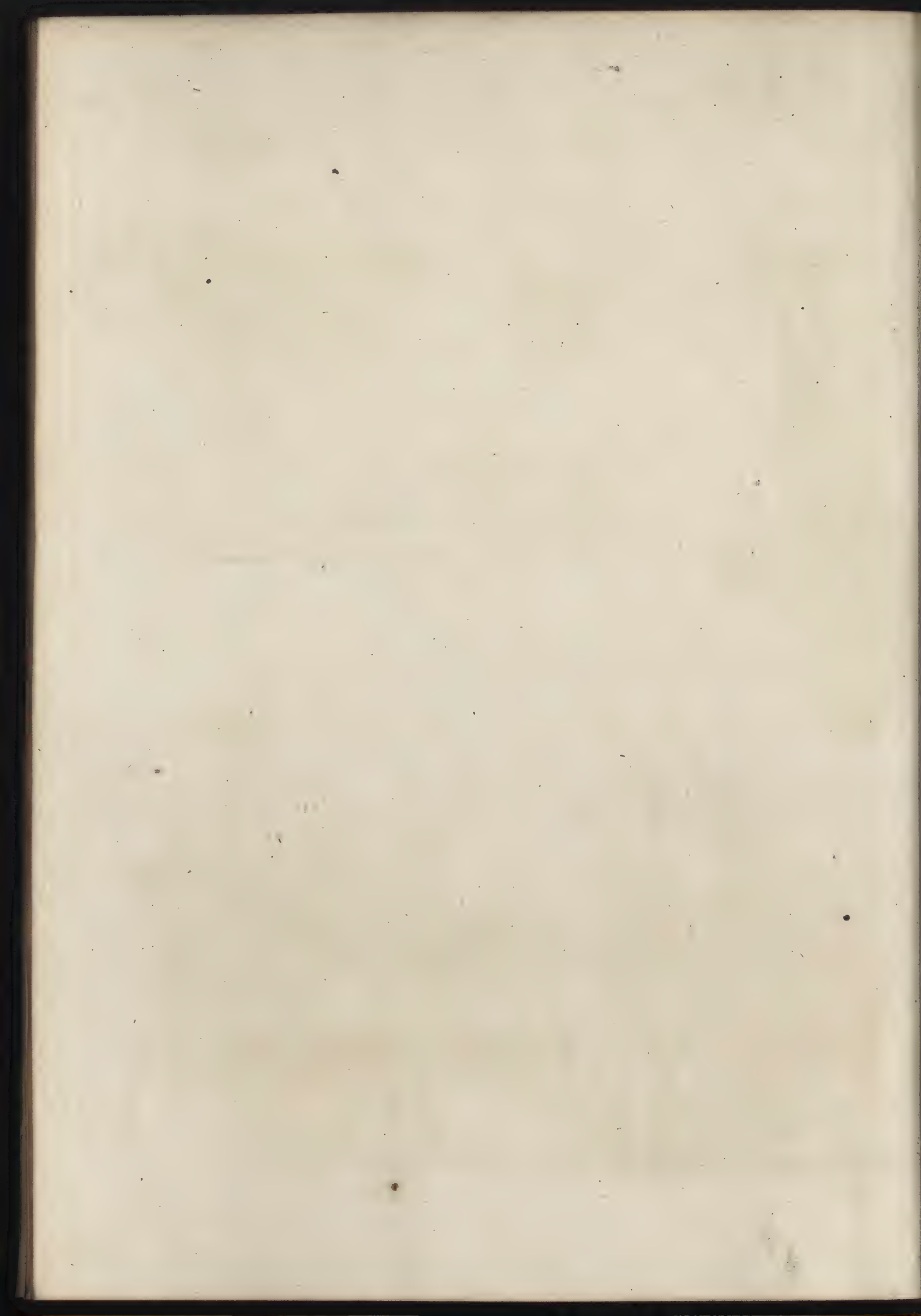


Bunce's PILE Engine.

Lauden's PILE Engine.



A Bell Prim. Water sculptor first.



Anatomy of PLANTS.

Plate CCCXCIV.

Fig. 1.

Garden Bean



Fig. 2.



Fig. 3.



Fig. 4.

Slice of a Bean.

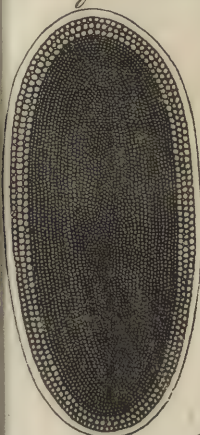


Fig. 7.



Fig. 8.

Wormwood Root.
cut transversely.



Fig. 5.
Radical.



Fig. 6.
Plume.



Fig. 10.

Ash Branch cut transversely.



Fig. 11.

Transverse section of the Ash Branch Magnified.

Fig. 9.

Section of Fig. 8. Magnified.

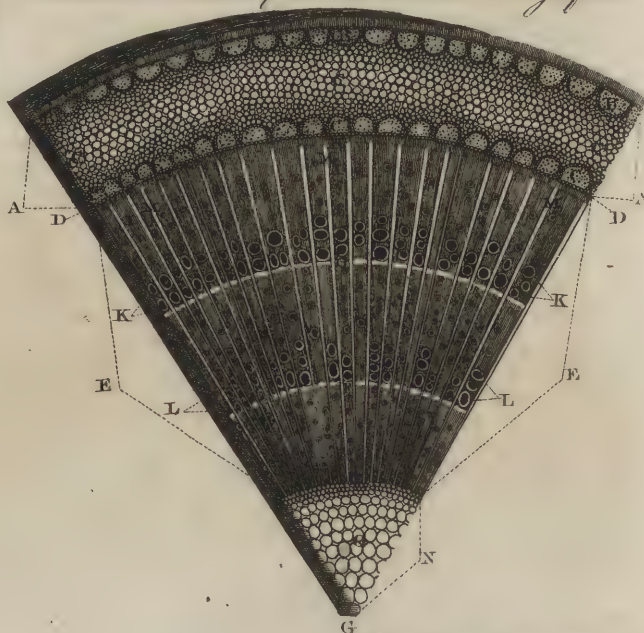
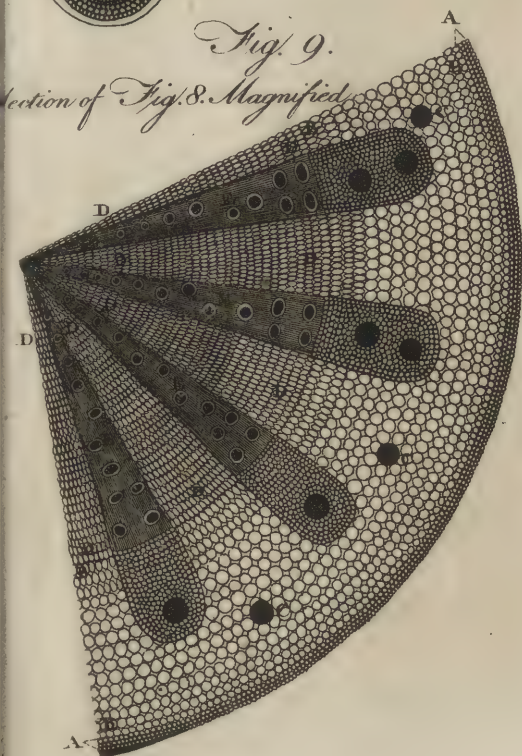




Fig. 12.

A Lemon cut down.

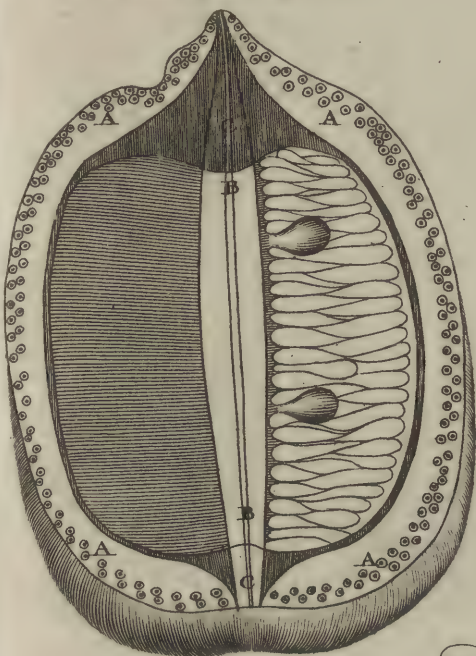


Fig. 13.

Lemon cut Transversely.

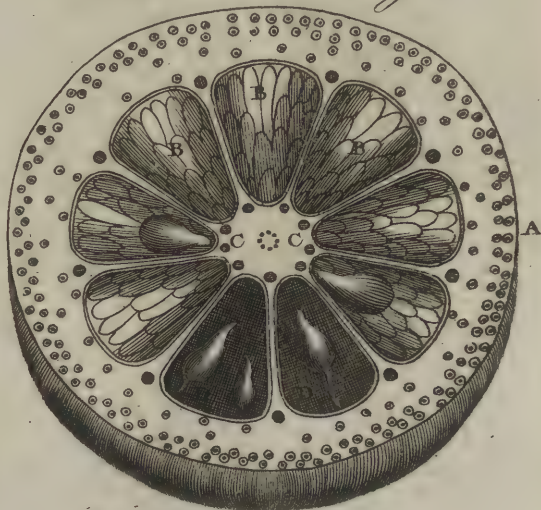


Fig. 16.

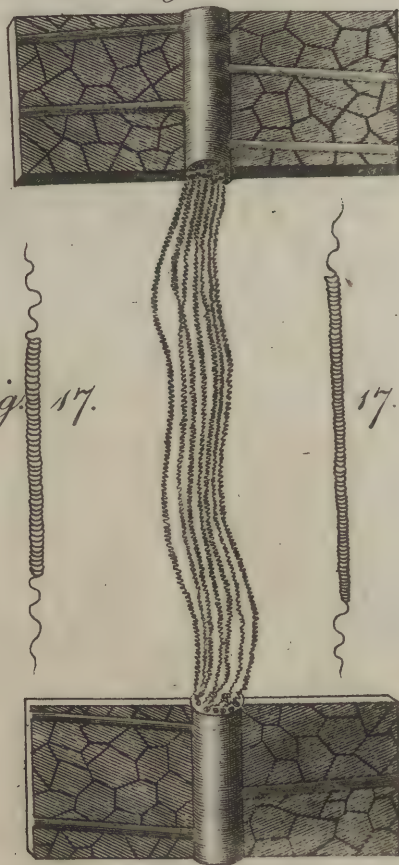


Fig. 14.

Vine Leaf.



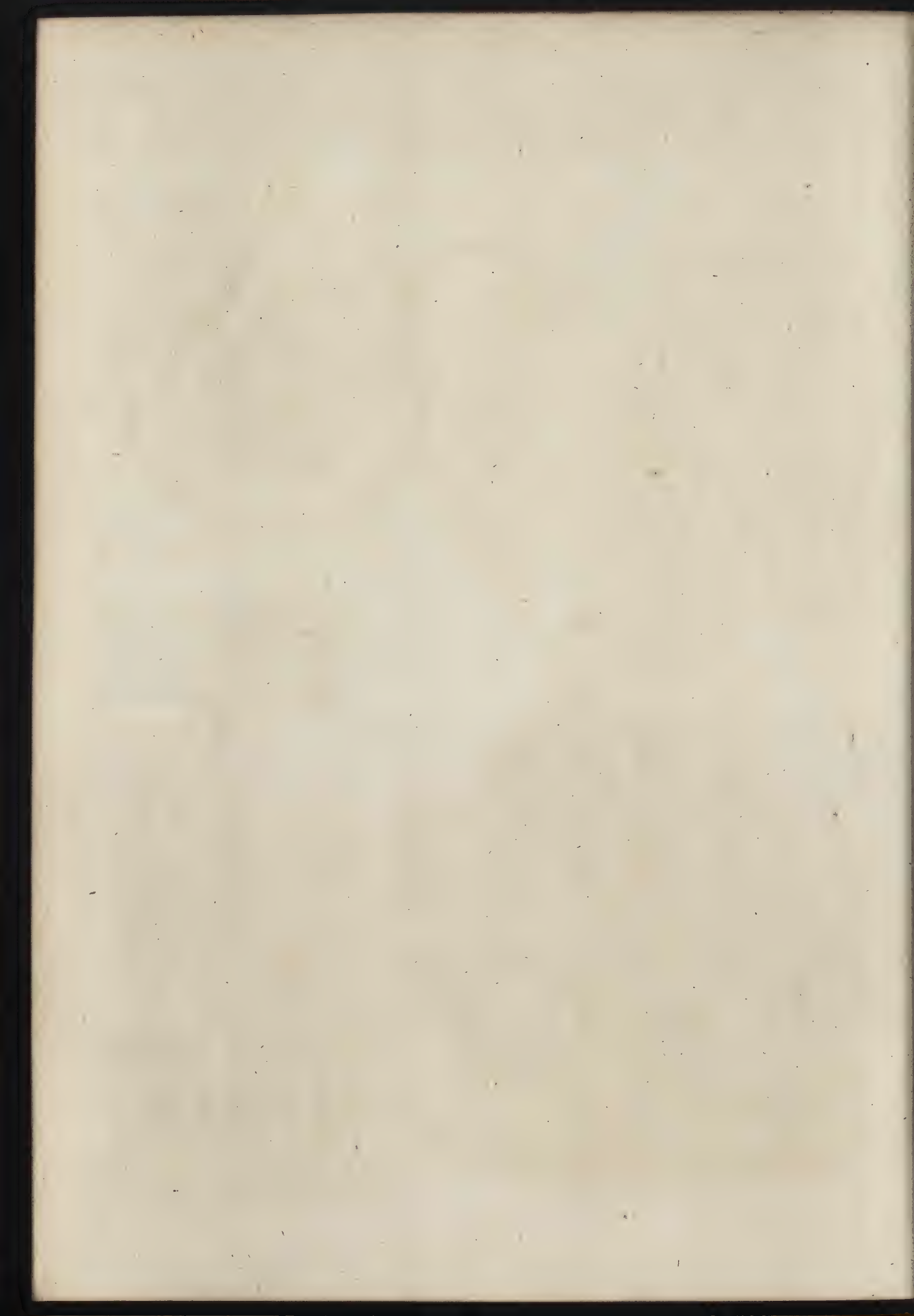
Fig. 15.



Fig. 18.

Tulip Root.





Anatomy of PLANTS.
 Fig. 22.
 Pear cut Longitudinally.

Plate CCCXCVI
 Fig. 19.

Pear cut Transversely.

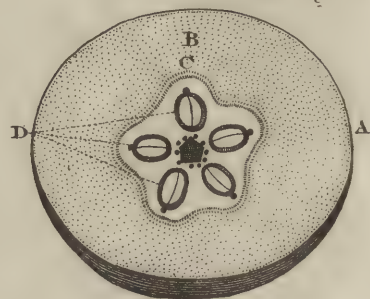
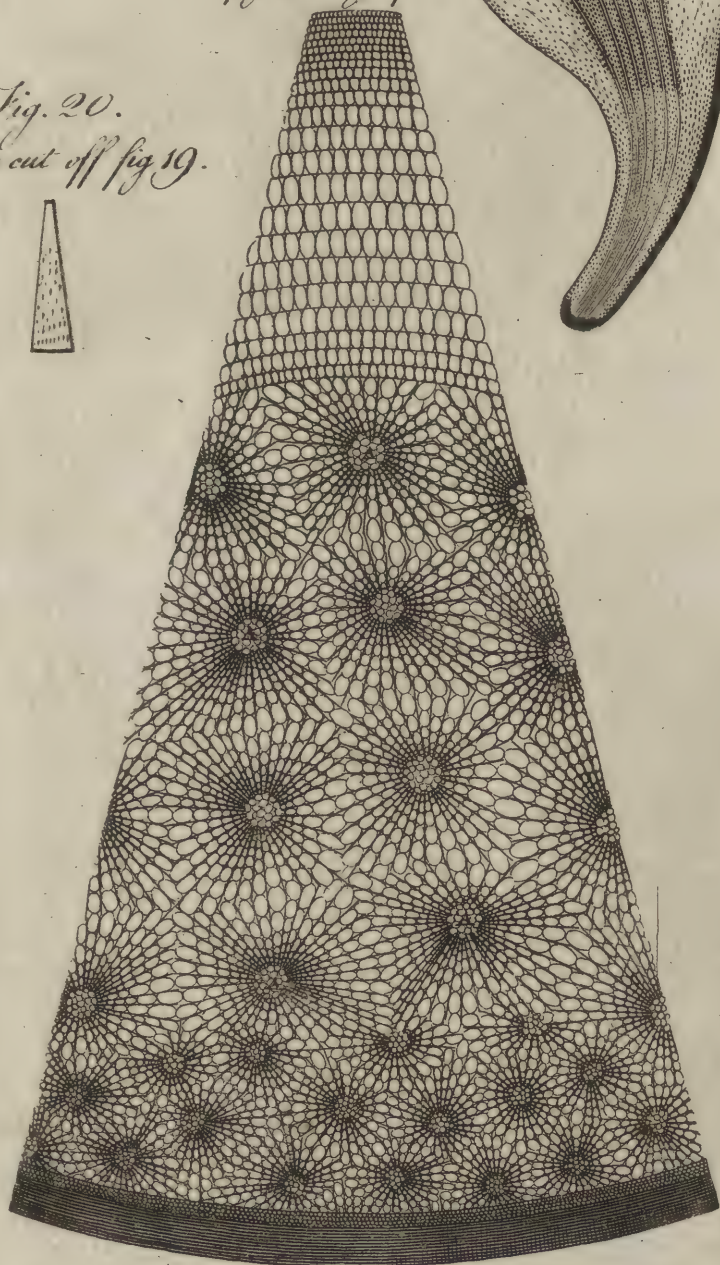


Fig. 21.
 fig 20 magnified.

Fig. 20.
 Pear cut off fig 19.



Patagonian Penguin.



A. Bell Pinx. Dal. Sculptor fecit.



I	XVII
II	XVIII
III	
IV	XIX
V	
VI	XX
VII	XXI
VIII	XXII
IX	XXIII
X	
XI	
XII	
XIII	XXIV
XIV	
XV	
XVI	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 Inches.

PLATALEA
or Spoon Bill.



The Mines of Pissafalle in the Island of Buai.



A. Bell's Prin. H. A. S. engraver.

PLOUGH.

Plate CCCXCVIII.

Fig. 1.

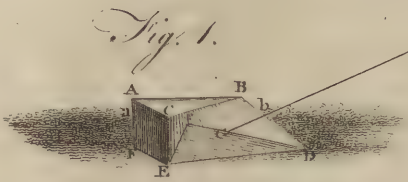


Fig. 2.

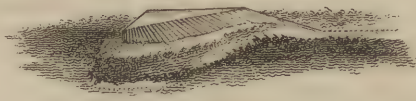


Fig. 4. No. 1.

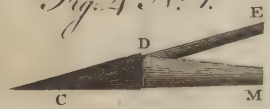


Fig. 4. No. 2.

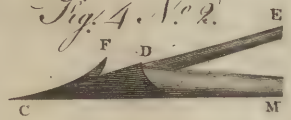


Fig. 3. No. 1.

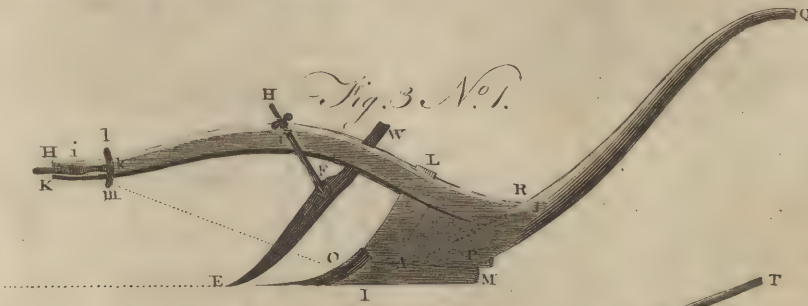
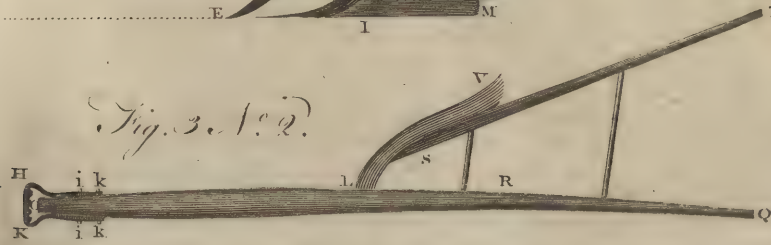


Fig. 3. No. 2.



Scale of Feet for Small's Plough.

Fig. 5. No. 1.

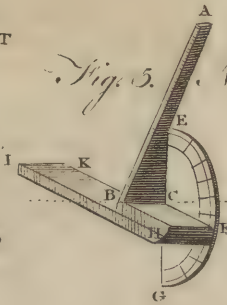


Fig. 5. No. 2.

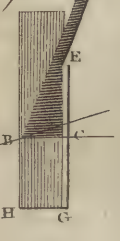


Fig. 6.

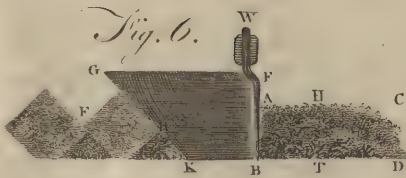


Fig. 7.

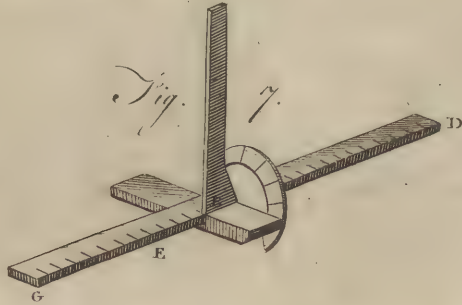


Fig. 8.

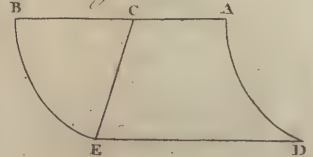


Fig. 9.

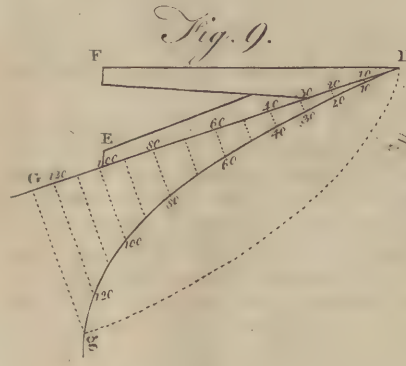


Fig. 11. The Argyleshire Plough.



Fig. 10.



A. Bell Prin. Mat. Sculptor fecit.

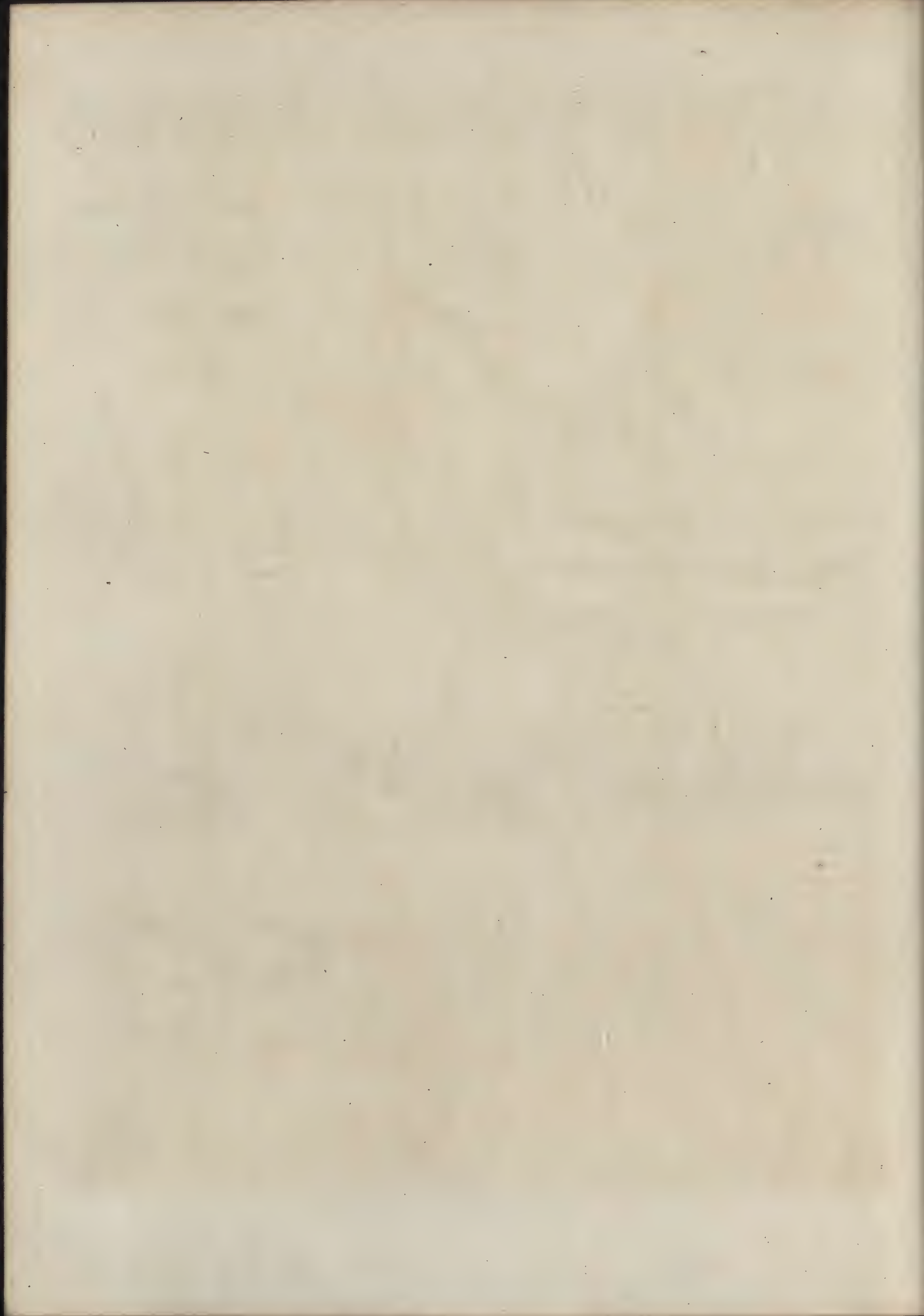


Fig. 1.

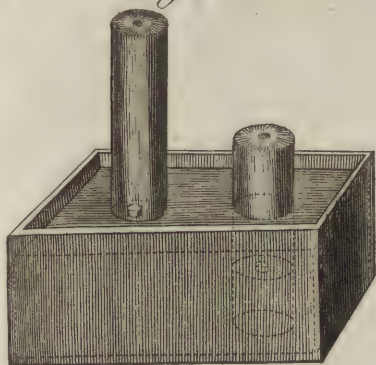


Fig. 3.

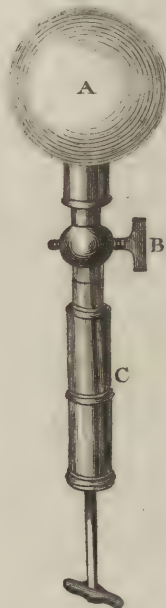


Fig. 4.



Fig. 2.

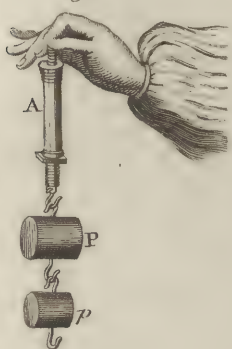


Fig. 7.

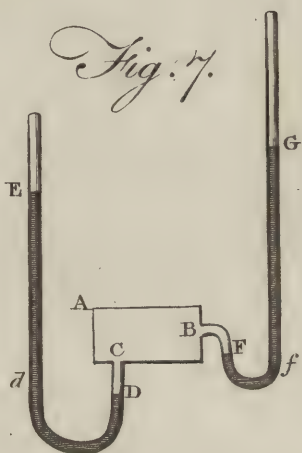


Fig. 5.

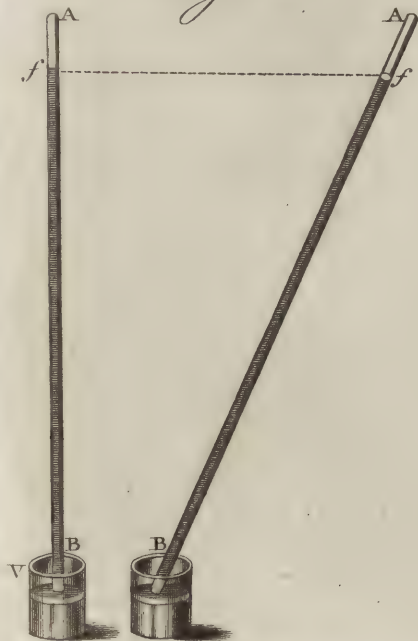


Fig. 8.

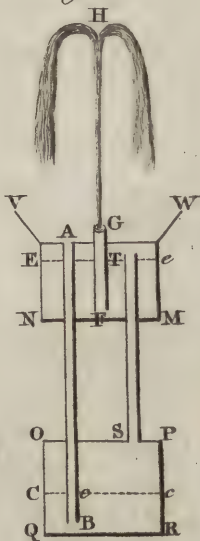


Fig. 9.

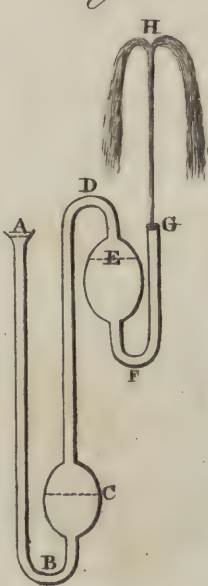


Fig. 6.

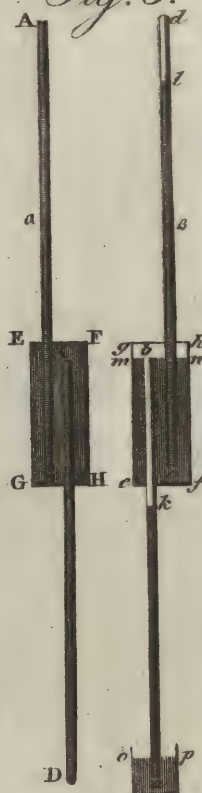




Fig. 11.



Fig. 10.



Fig. 16.



Fig. 17.



Fig. 12.

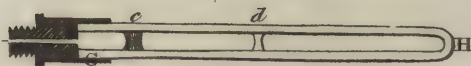
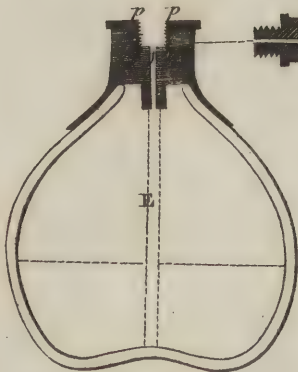
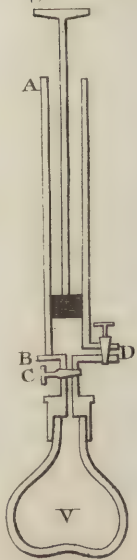


Fig. 13.

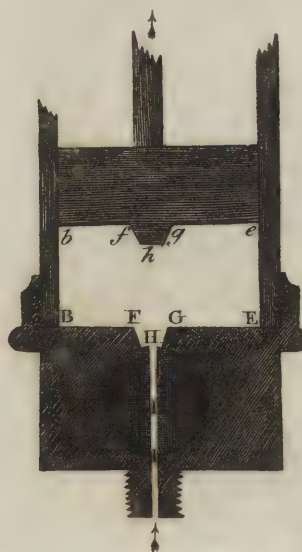


Fig. 14.

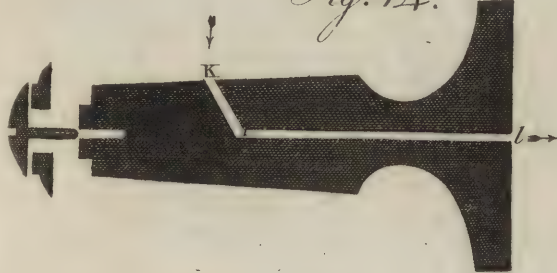


Fig. 15.

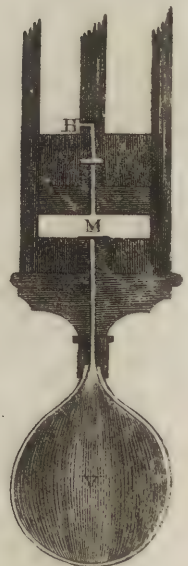




Fig. 18.

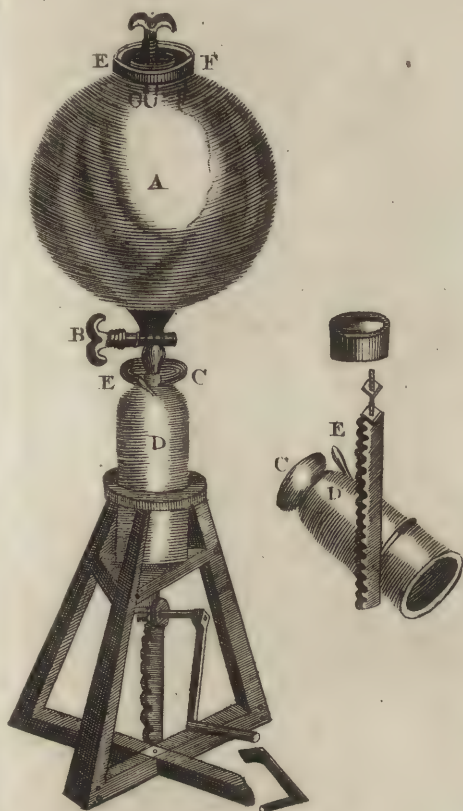


Fig. 19.



Fig. 20. N^o 1.

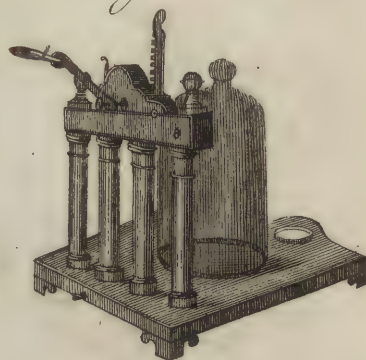


Fig. 20. N^o 2.

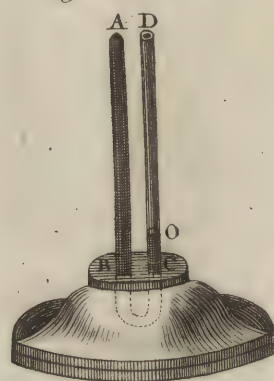


Fig. 21.

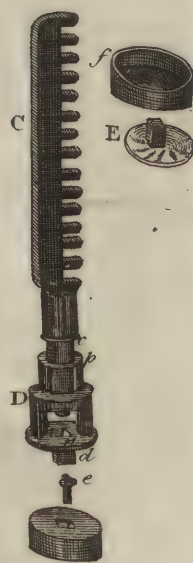


Fig. 22. N^o 1.

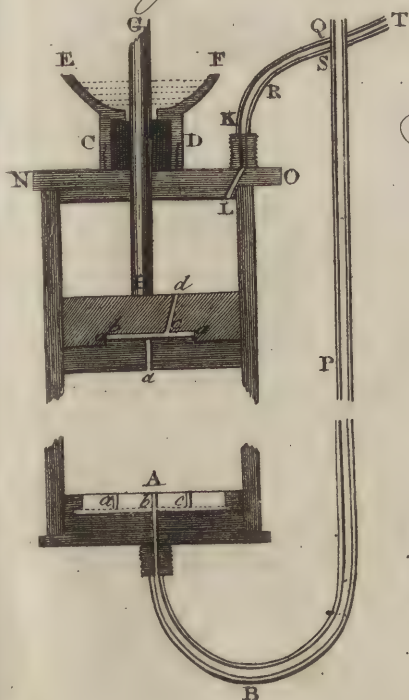


Fig. 22. N^o 2.

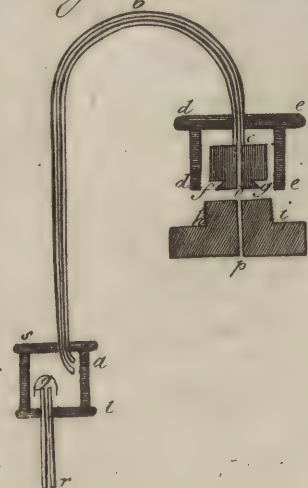
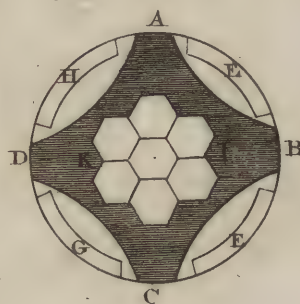


Fig. 22. N^o 3.



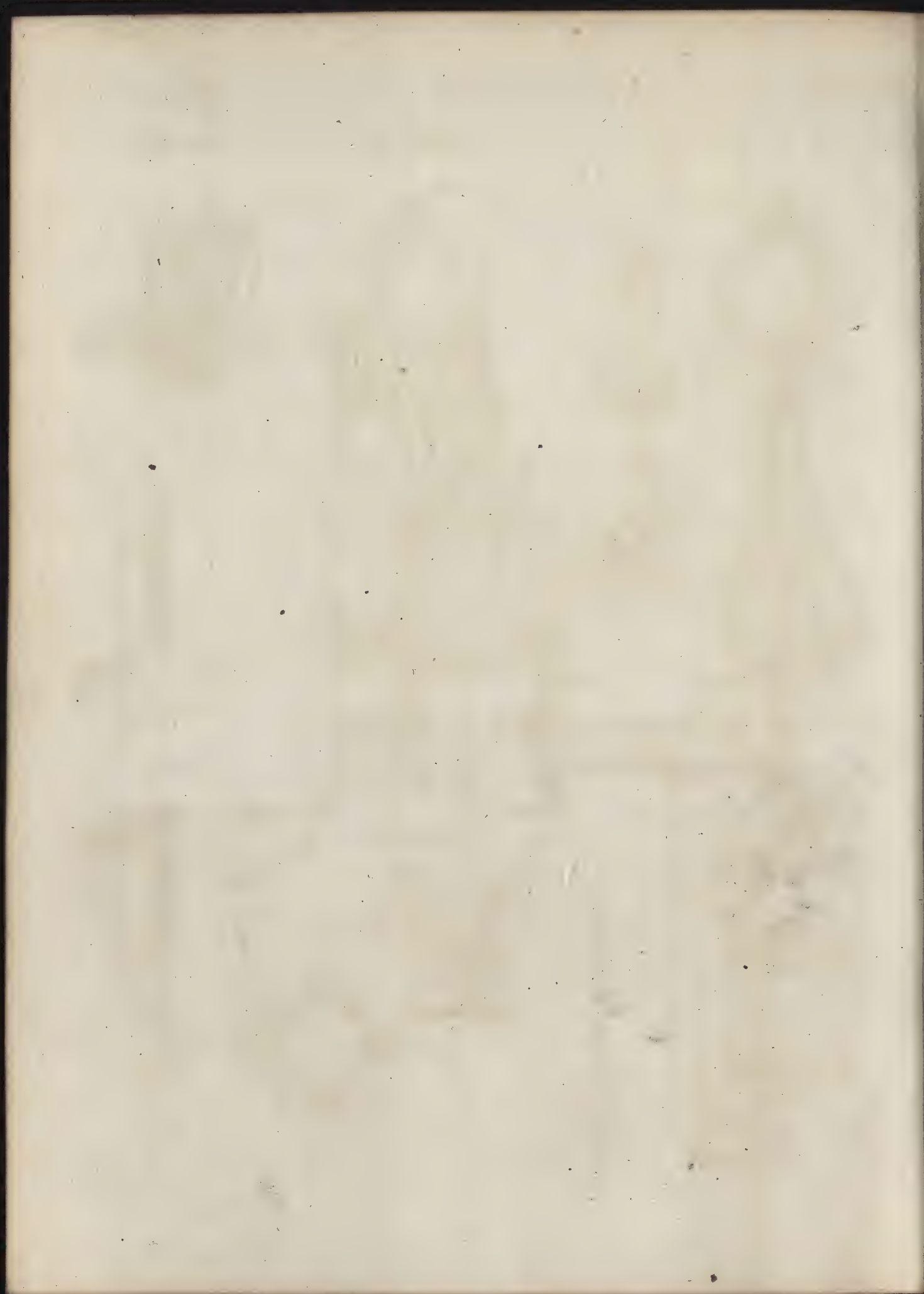


Fig. 23.

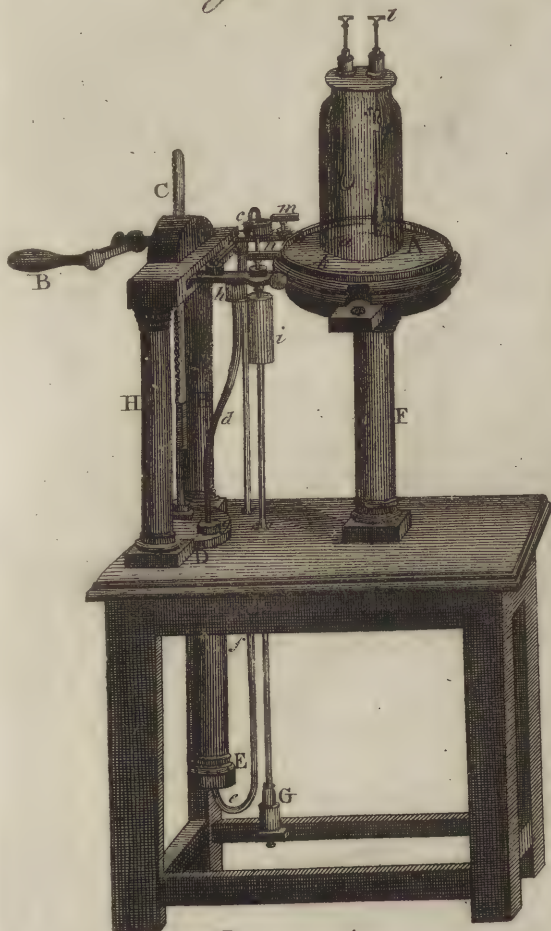


Fig. 24.

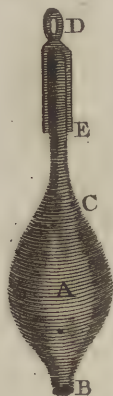


Fig. 30.



Fig. 31.



Fig. 29.



Fig. 27.

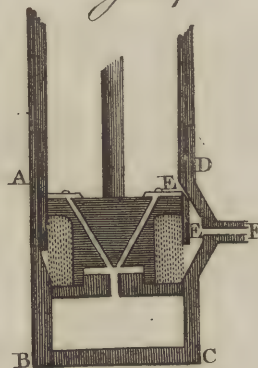


Fig. 26.

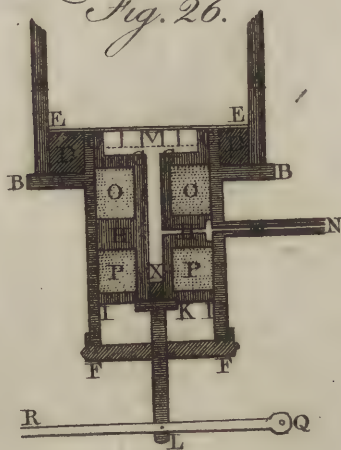


Fig. 28.

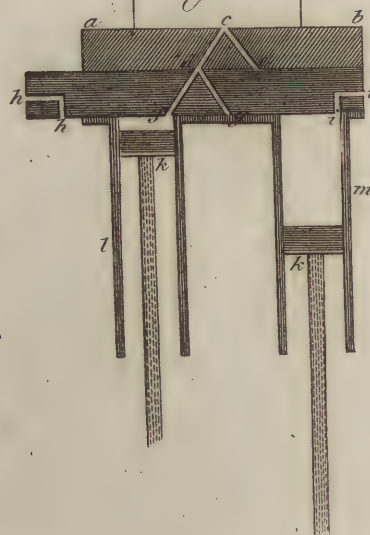
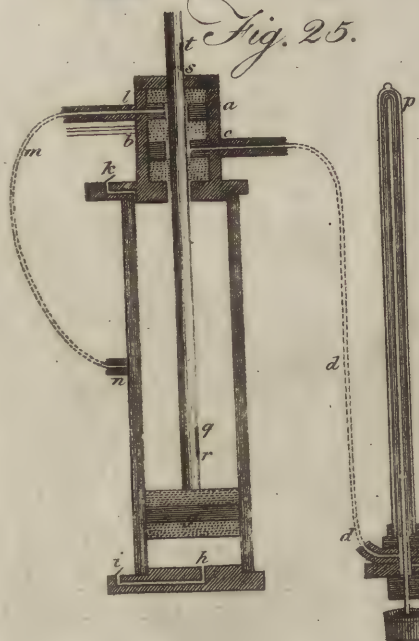


Fig. 25.





PNEUMATICS.

Plate CCCCIII.

Fig. 32.



Fig. 33.



Fig. 34.



Fig. 35.

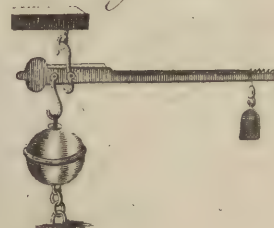


Fig. 36.



Fig. 40.

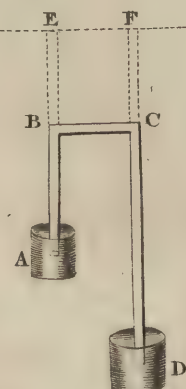


Fig. 42. N° 1.

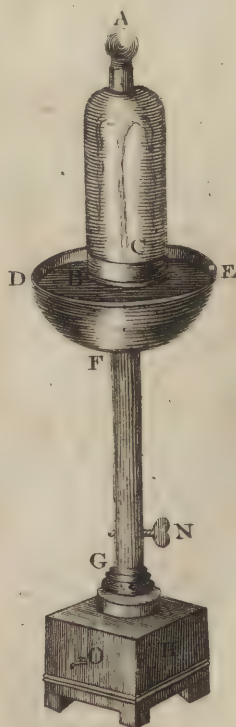


Fig. 41.



Fig. 38.



Fig. 42. N° 2.

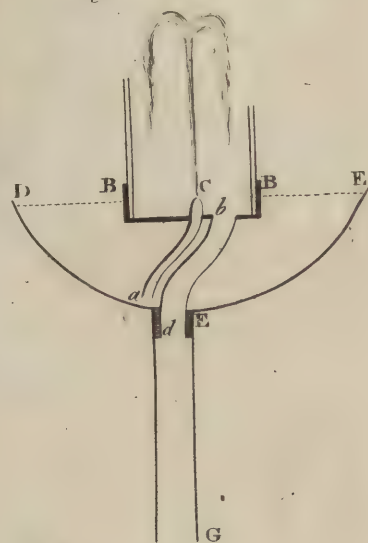


Fig. 37.



Fig. 43.

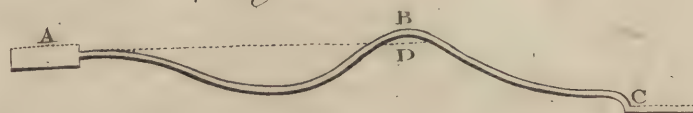


Fig. 39.



A. Bell, Prin. Del. & Sculptor fecit.

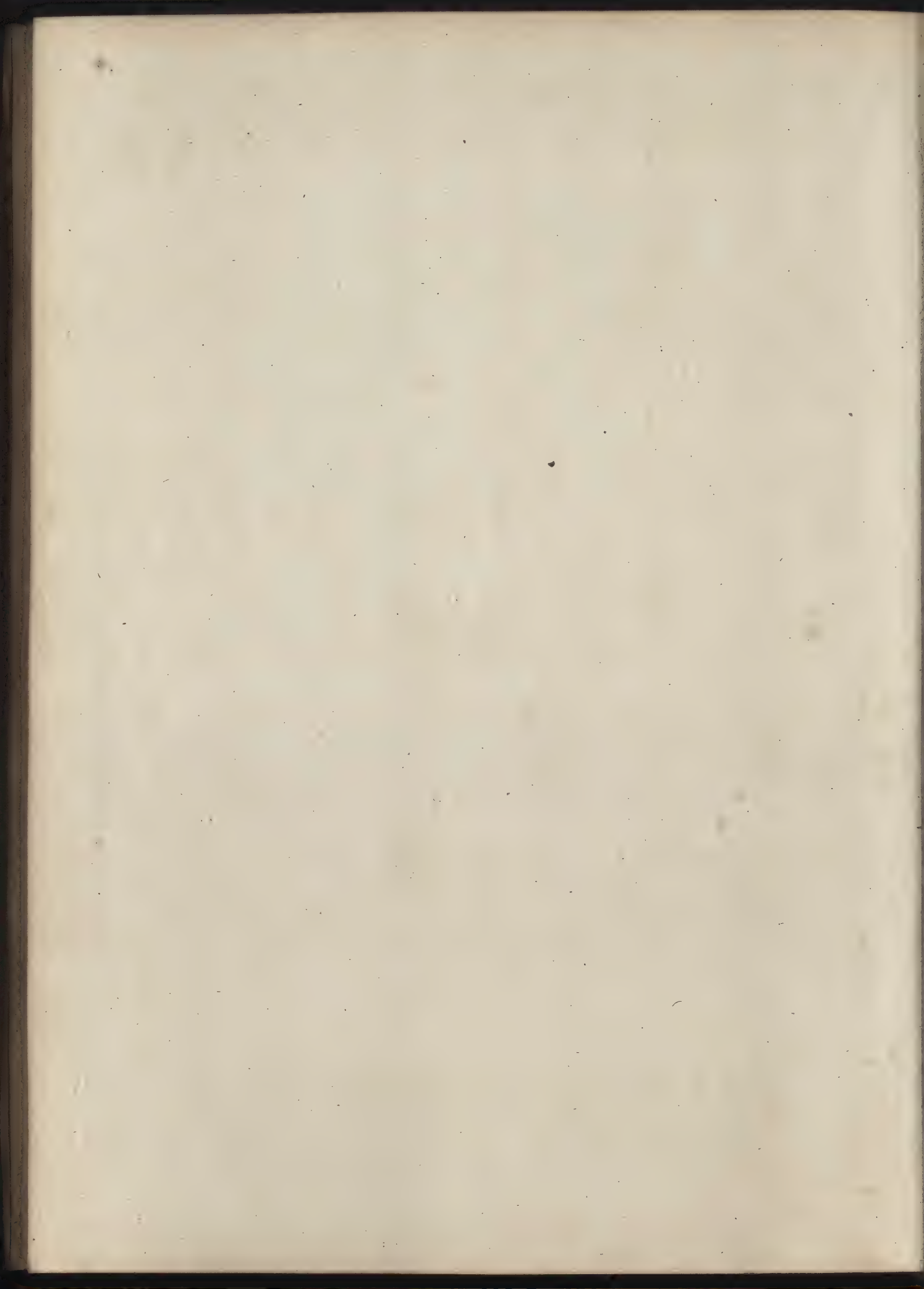


Fig. 45.



Fig. 46.



Fig. 47. No. 1.



Fig. 48.



Fig. 49.

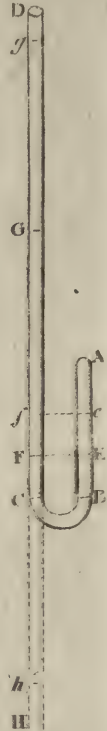


Fig. 50.



Fig. 47. No. 2.



Fig. 52.

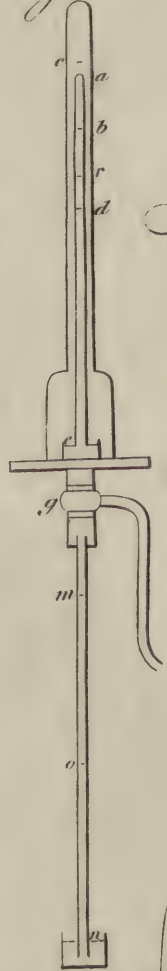


Fig. 51.

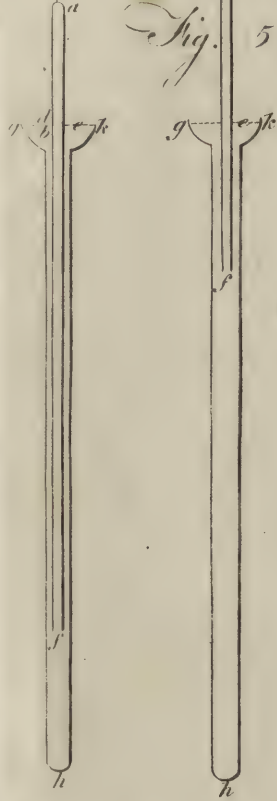


Fig. 48.

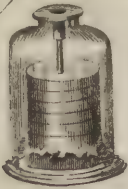


Fig. 54.

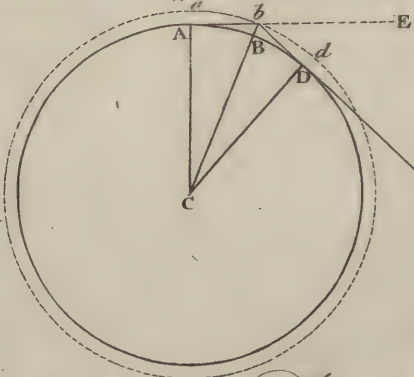


Fig. 53.

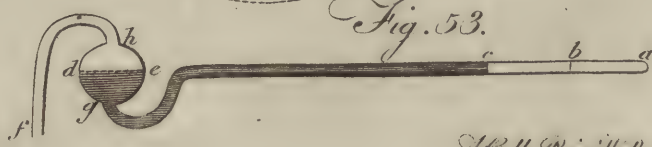
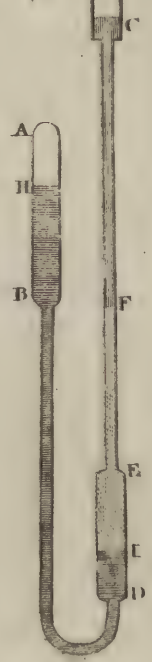
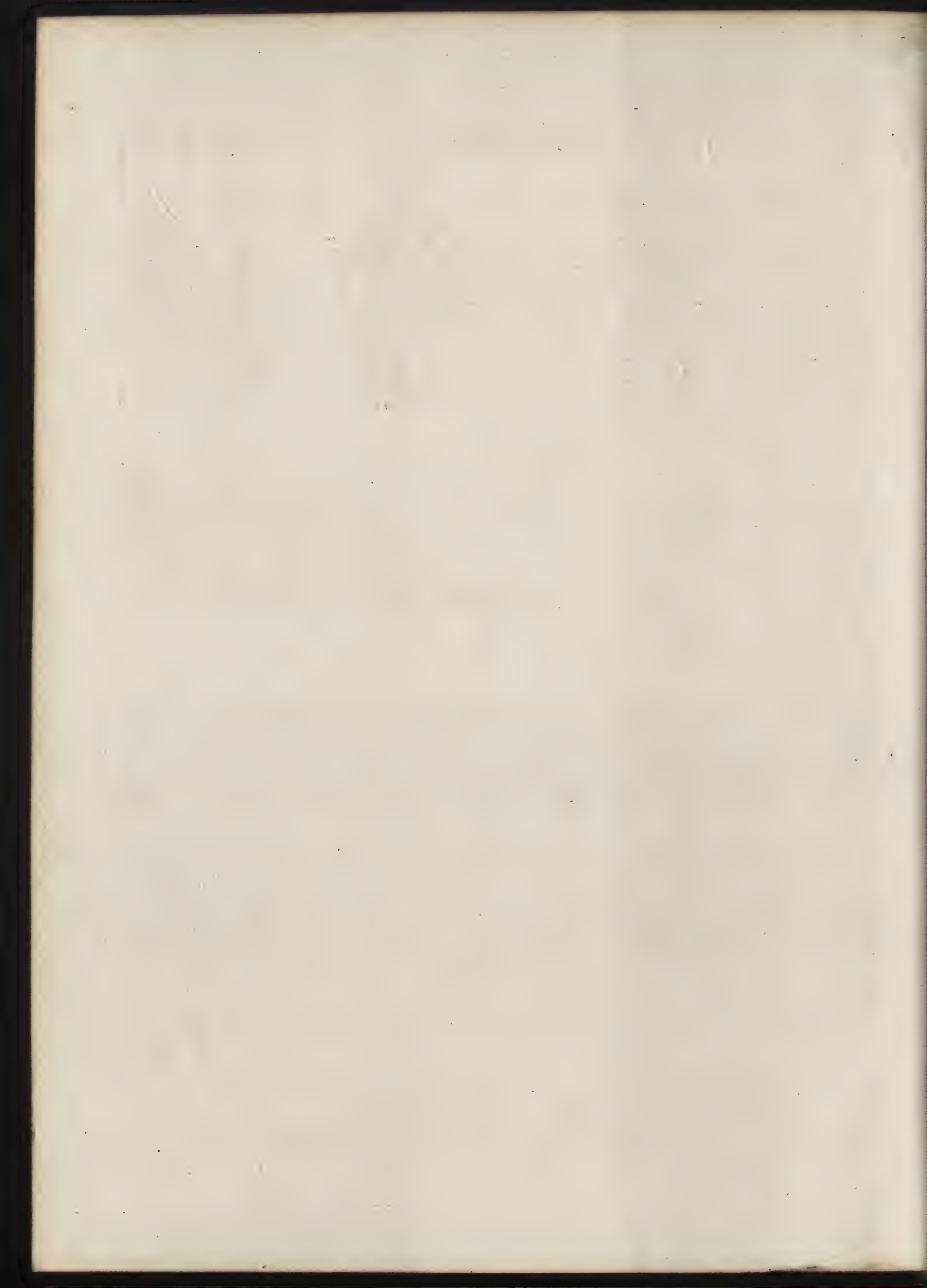


Fig. 56.





PNEUMATICS.

Plate CCCC.V.

Fig. 57.



Fig. 58.

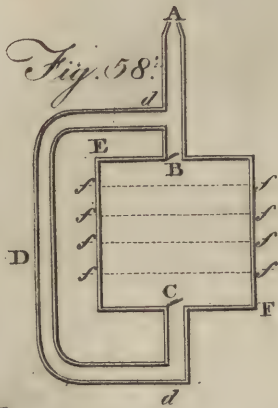


Fig. 61.



Fig. 62.

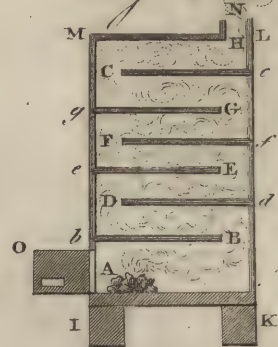


Fig. 59.

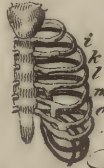
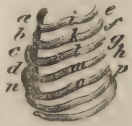


Fig. 60.



Fig. 63.

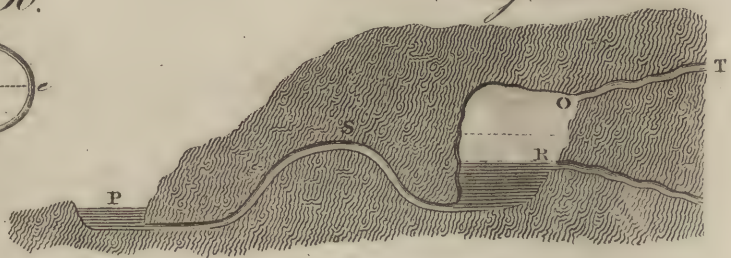


Fig. 64.



Fig. 65.

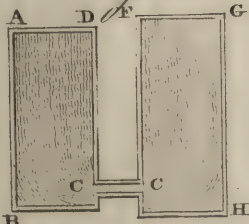


Fig. A.



Fig. 66.

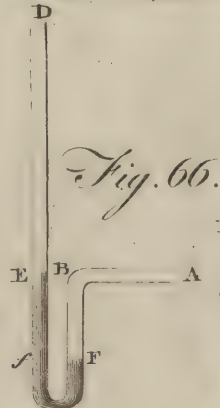


Fig. 67.

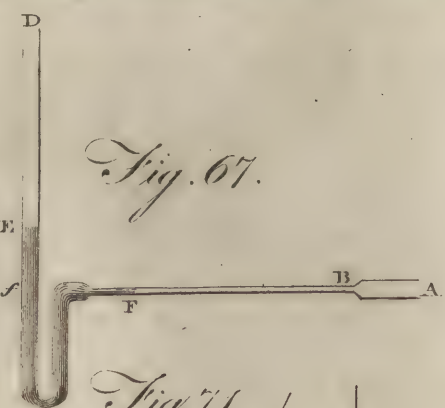


Fig. 70.



Fig. 68.

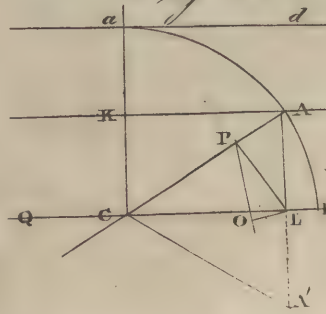


Fig. 69.

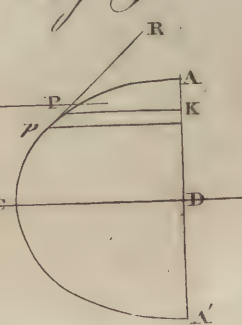
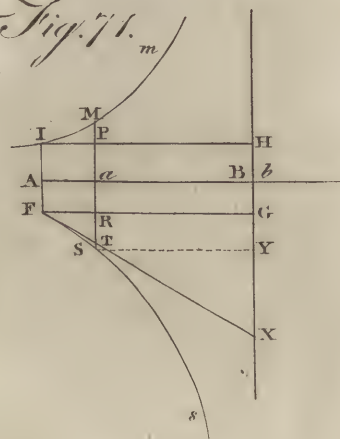


Fig. 71.



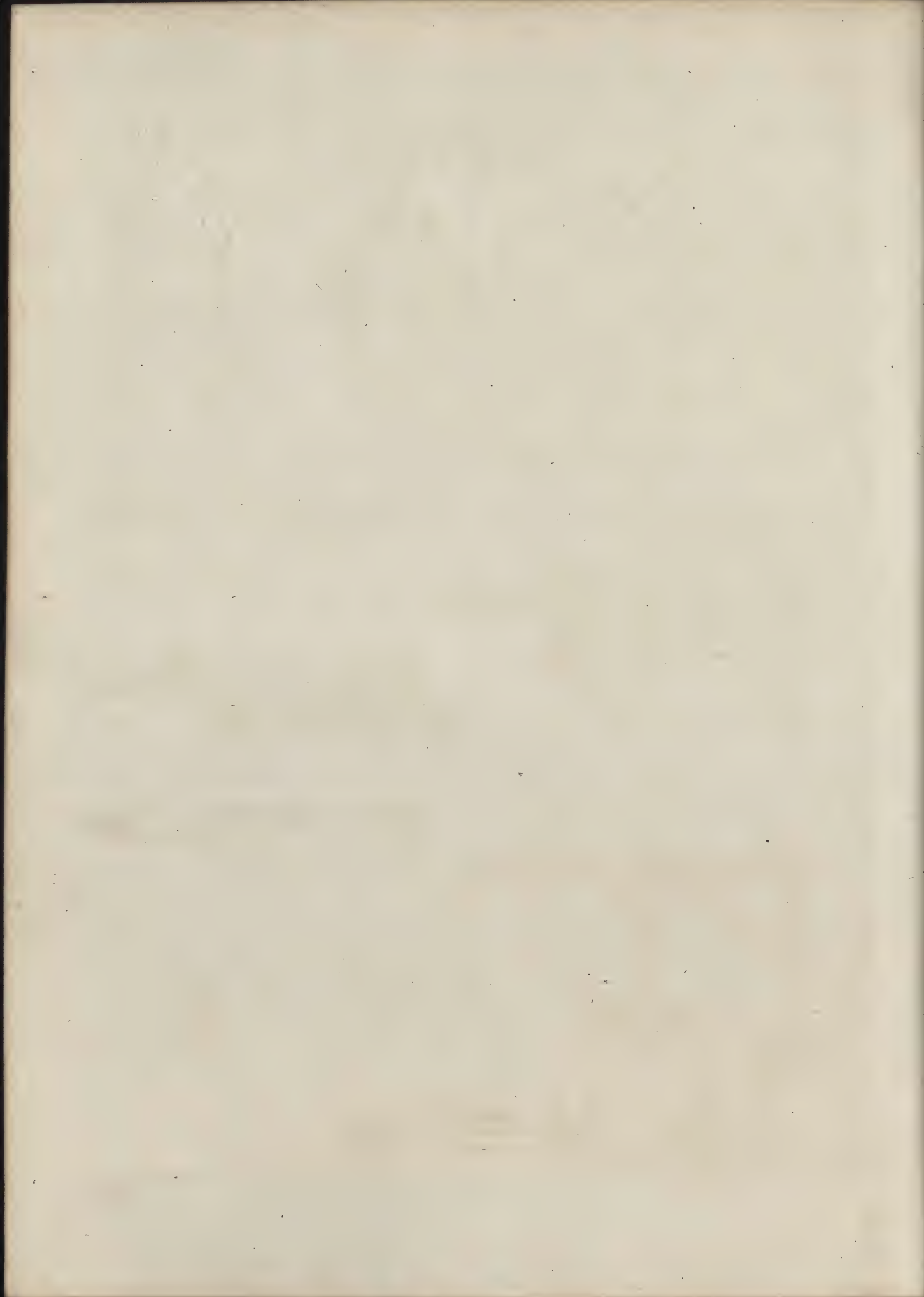


Fig. 72.

Position	A	B	C	D	E	F	G	H	I	K	L	M
1	a	b	c	d	e	f	g	h	i	k	l	m
2	a	b	c	d	e	f	g	h	i	k	l	m
3	a	b	c	d	e	f	g	h	i	k	l	m
4	a	b	c	d	e	f	g	h	i	k	l	m
5	a	b	c	d	e	f	g	h	i	k	l	m
6	a	b	c	d	e	f	g	h	i	k	l	m
7	a	b	c	d	e	f	g	h	i	k	l	m
8	a	b	c	d	e	f	g	h	i	k	l	m
9	a	b	c	d	e	f	g	h	i	k	l	m
10	a	b	c	d	e	f	g	h	i	k	l	m
11	a	b	c	d	e	f	g	h	i	k	l	m
12	a	b	c	d	e	f	g	h	i	k	l	m

Fig. 73.

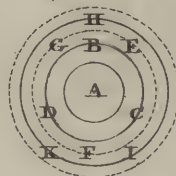


Fig. 75.



Fig. 74.

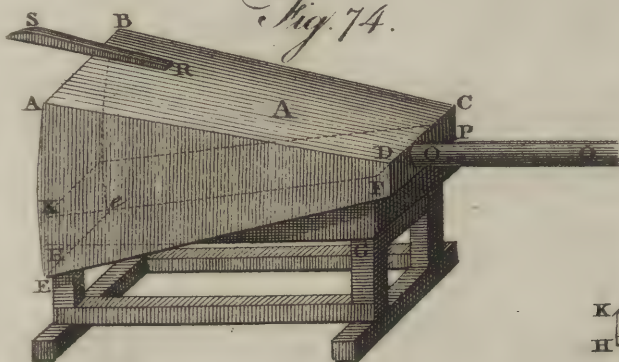
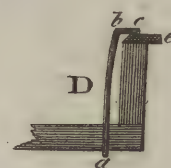
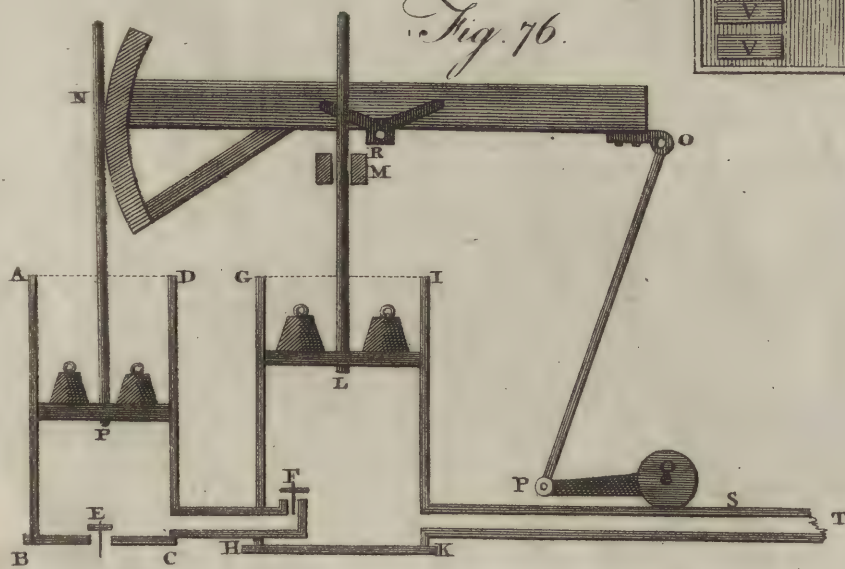


Fig. 76.



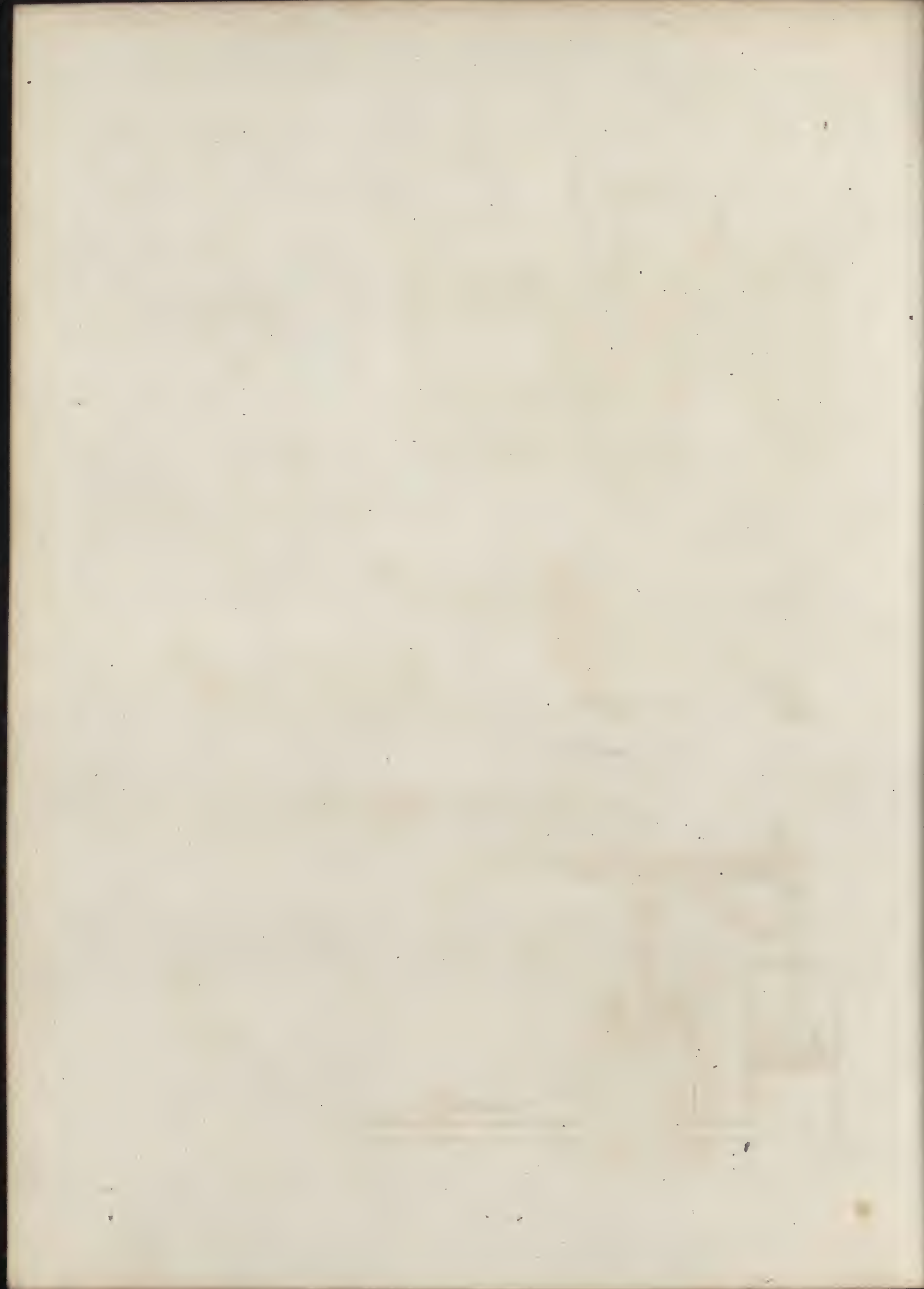


Fig. 78.

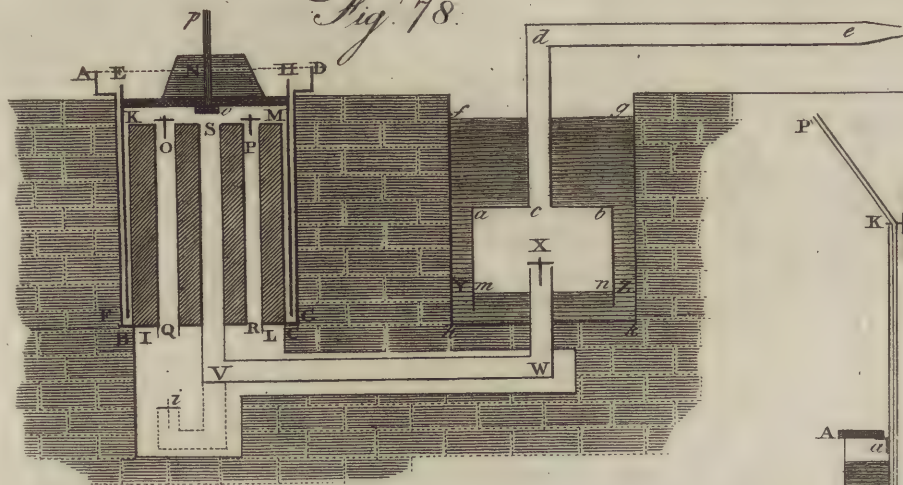


Fig. 79.

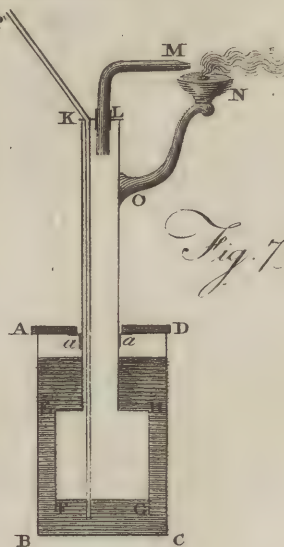


Fig. 77.

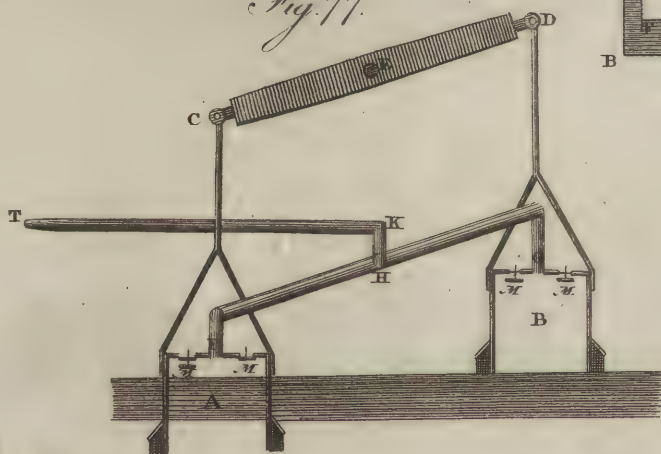


Fig. 80.

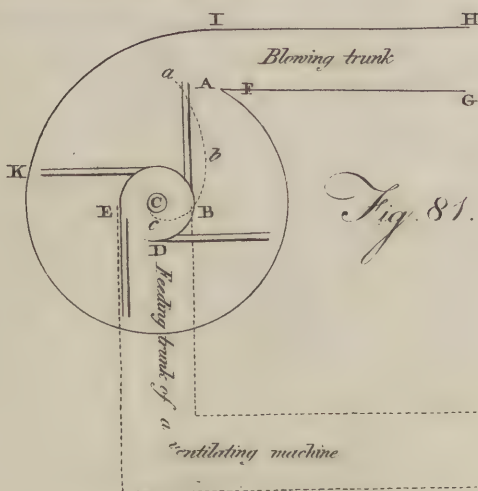
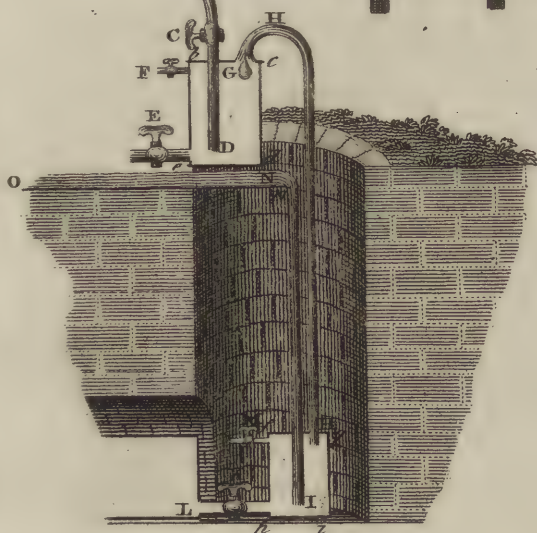


Fig. 81.



Cuthbertson's air pump.

Fig. 1.

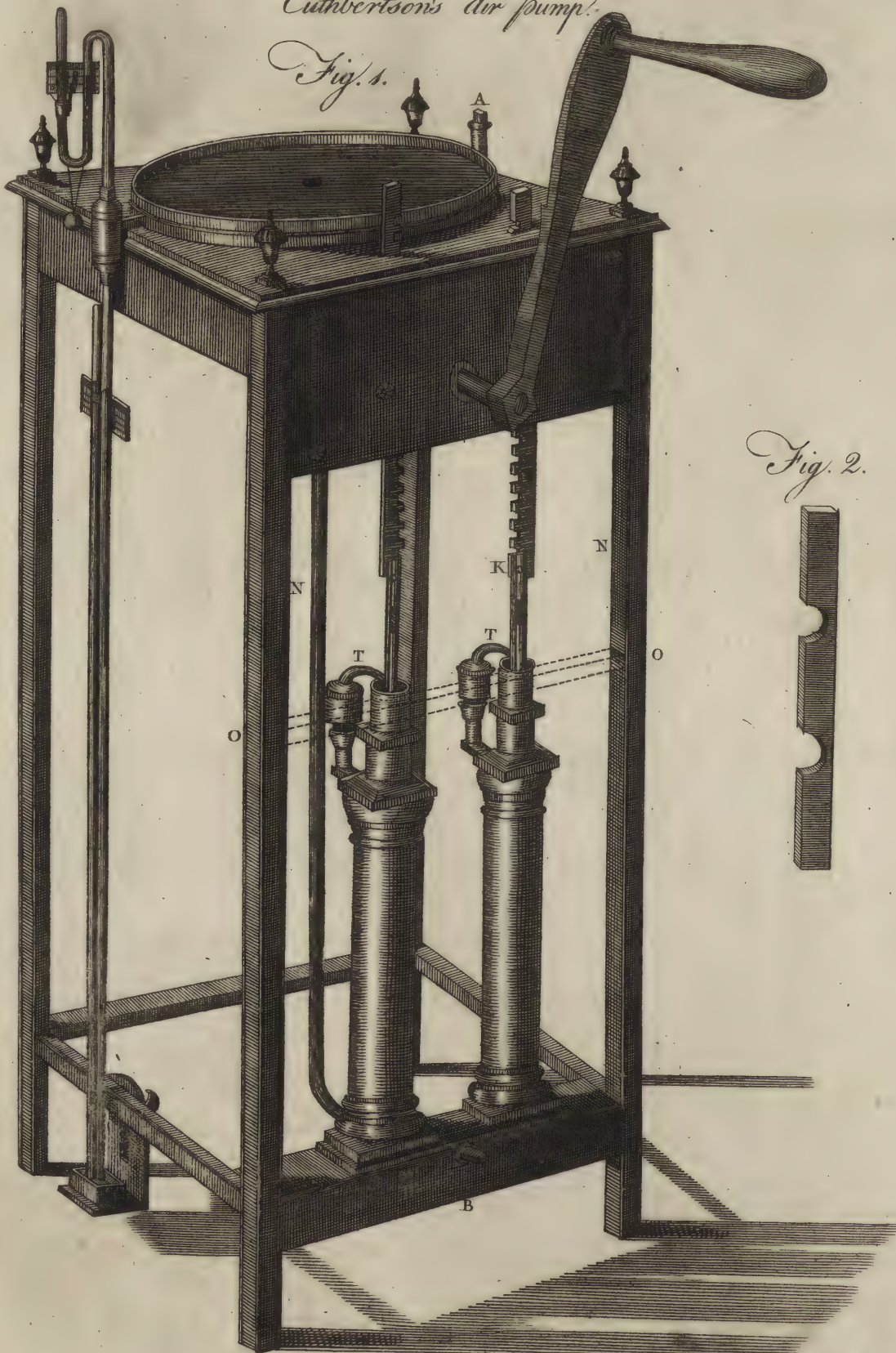
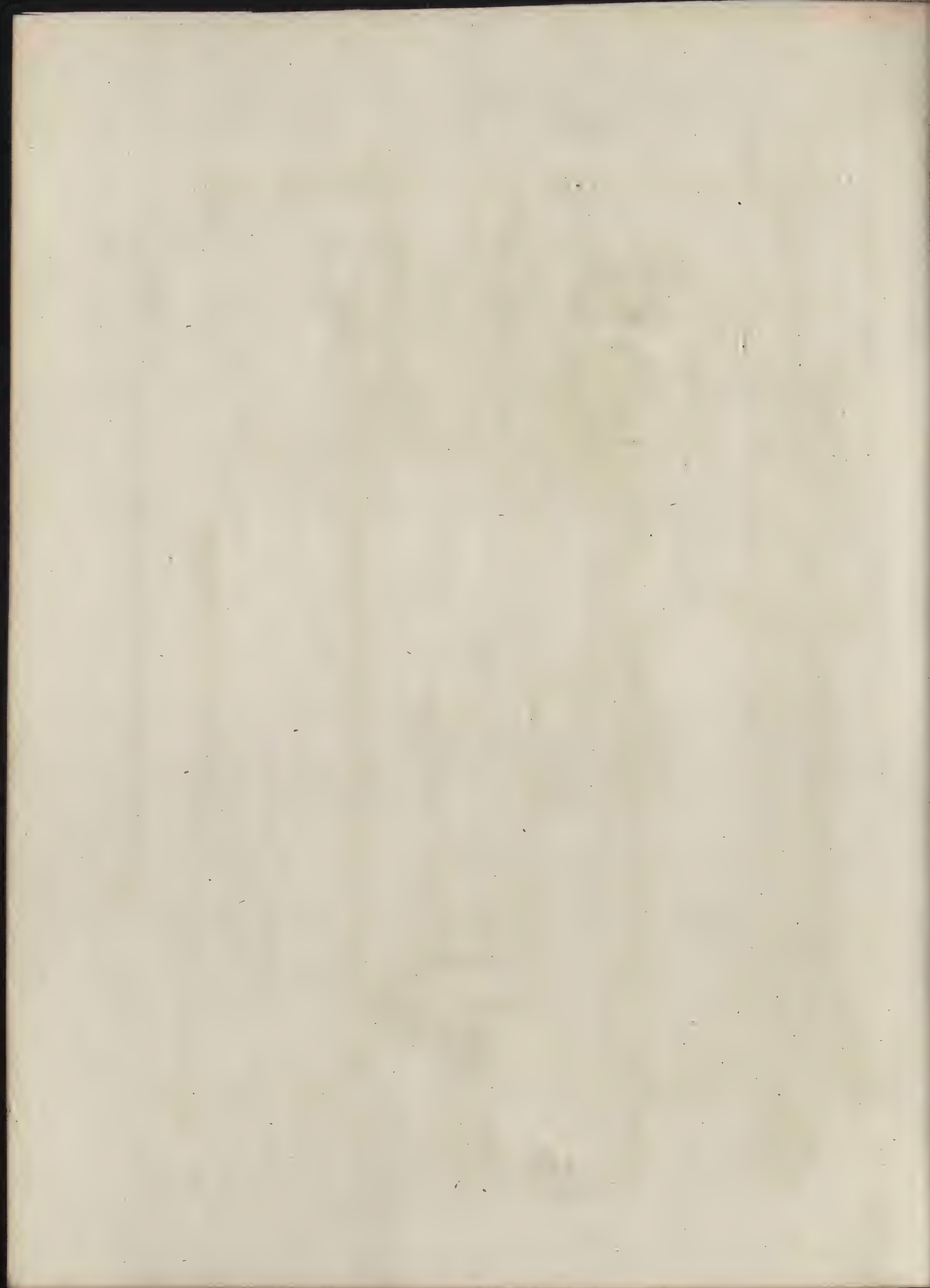
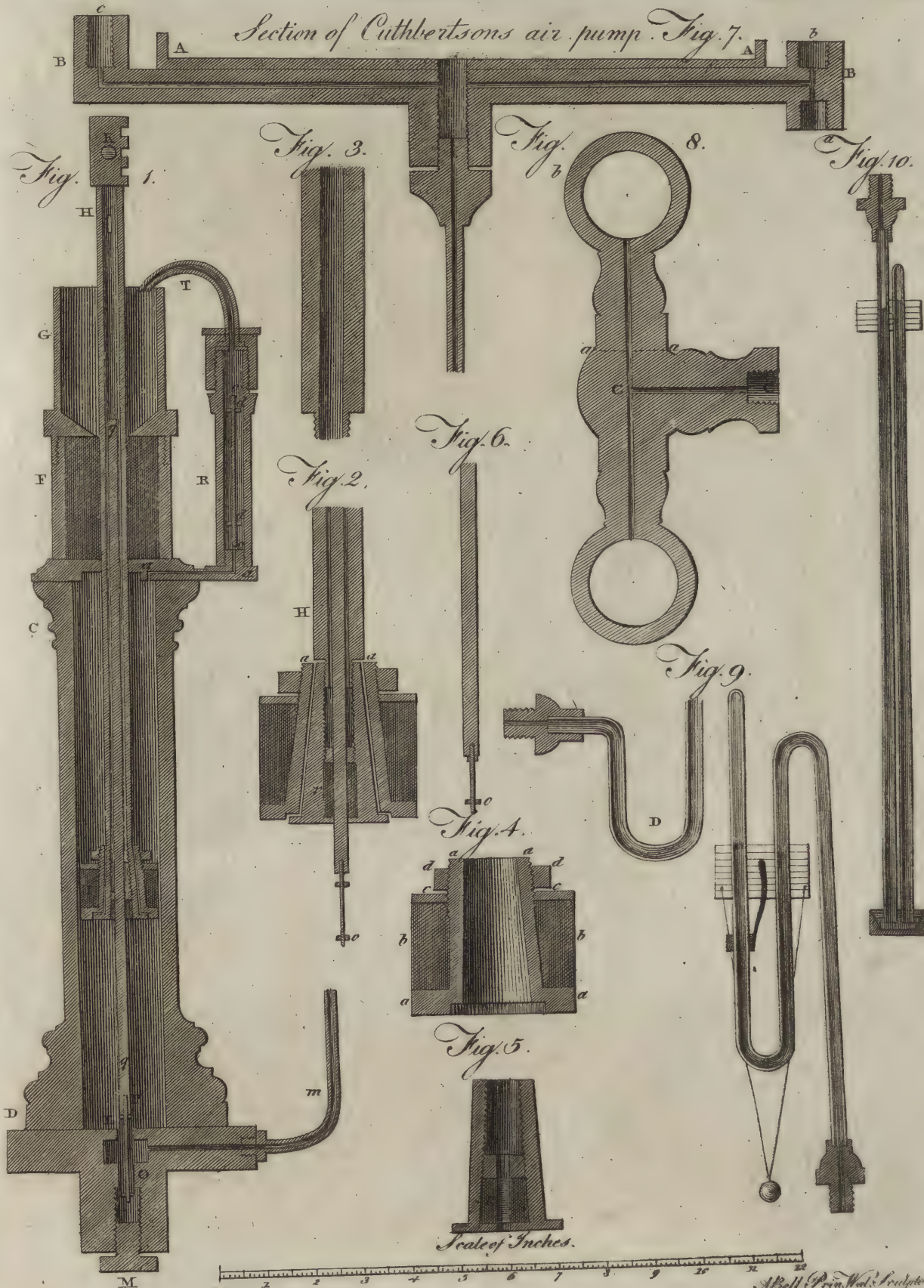


Fig. 2.



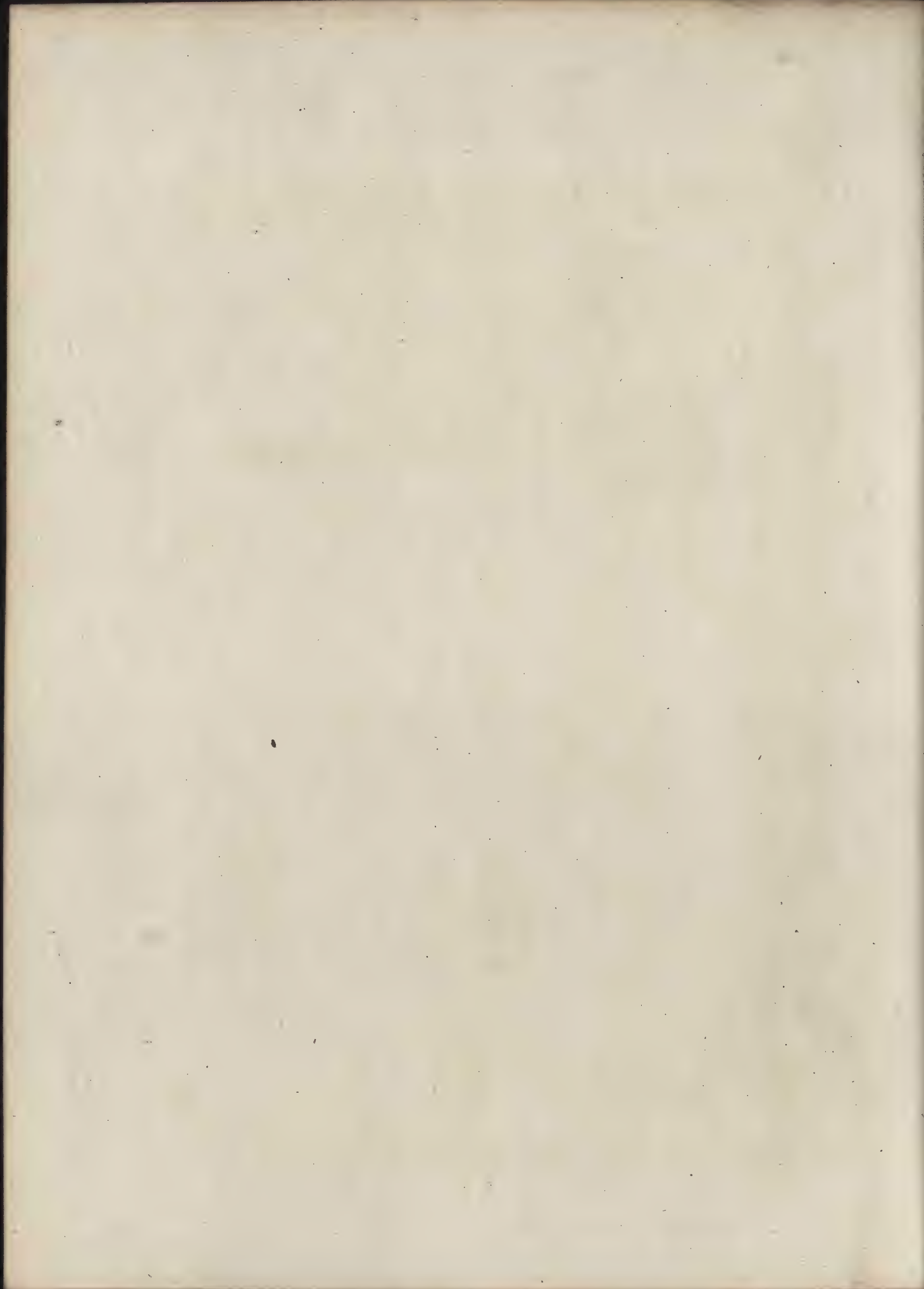


Section of Cuthbertsons air pump. Fig. 7.



Scale of Inches.

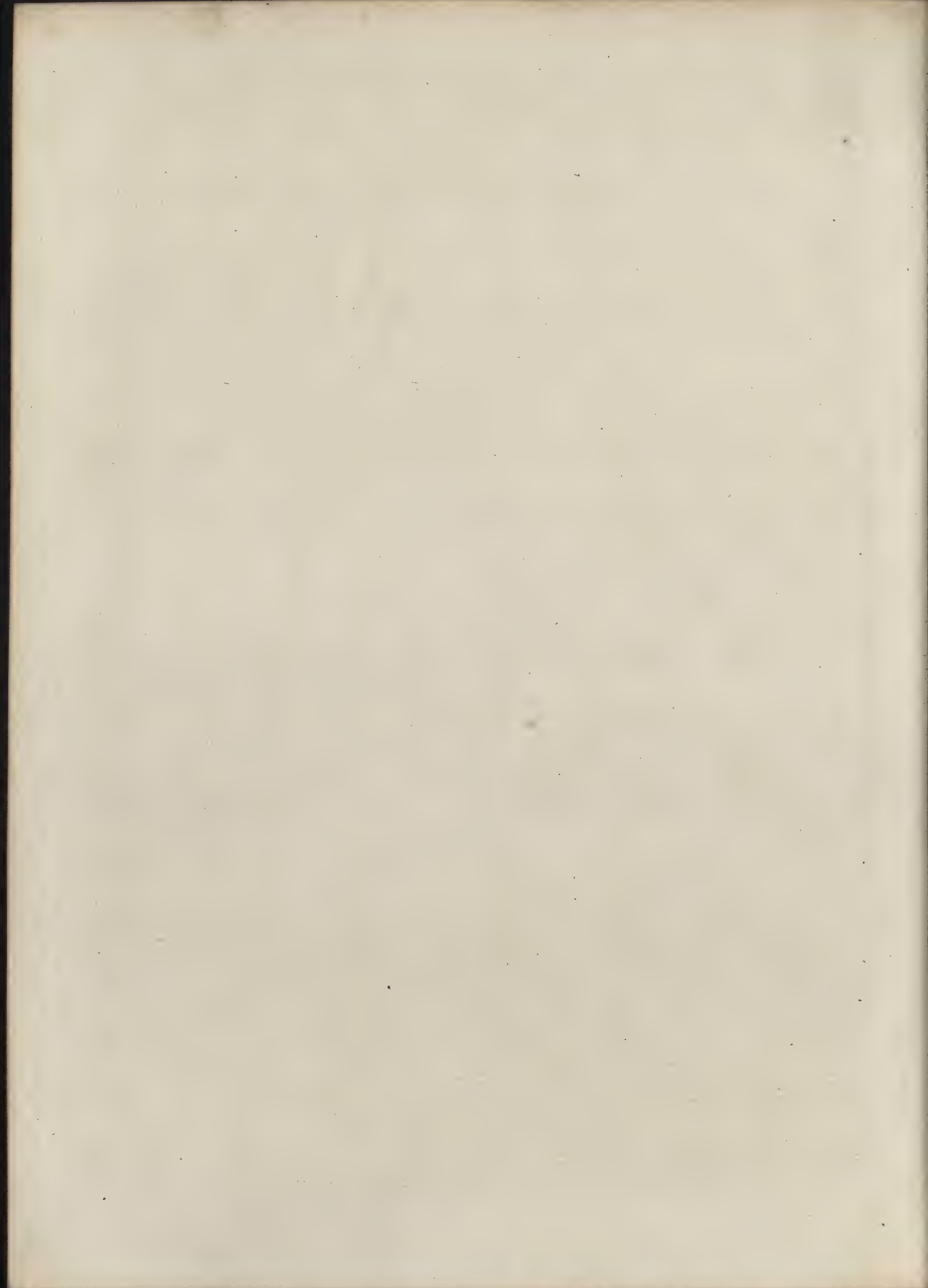
A. Bell Prin. Wals. Sculpton. del.





II. Home E. from London

At the Office of the Surveyor General





The Principal Idols of the Saxons worshipped in Britain.



A. Bell, Pin. Wal. Sculpt. & print.

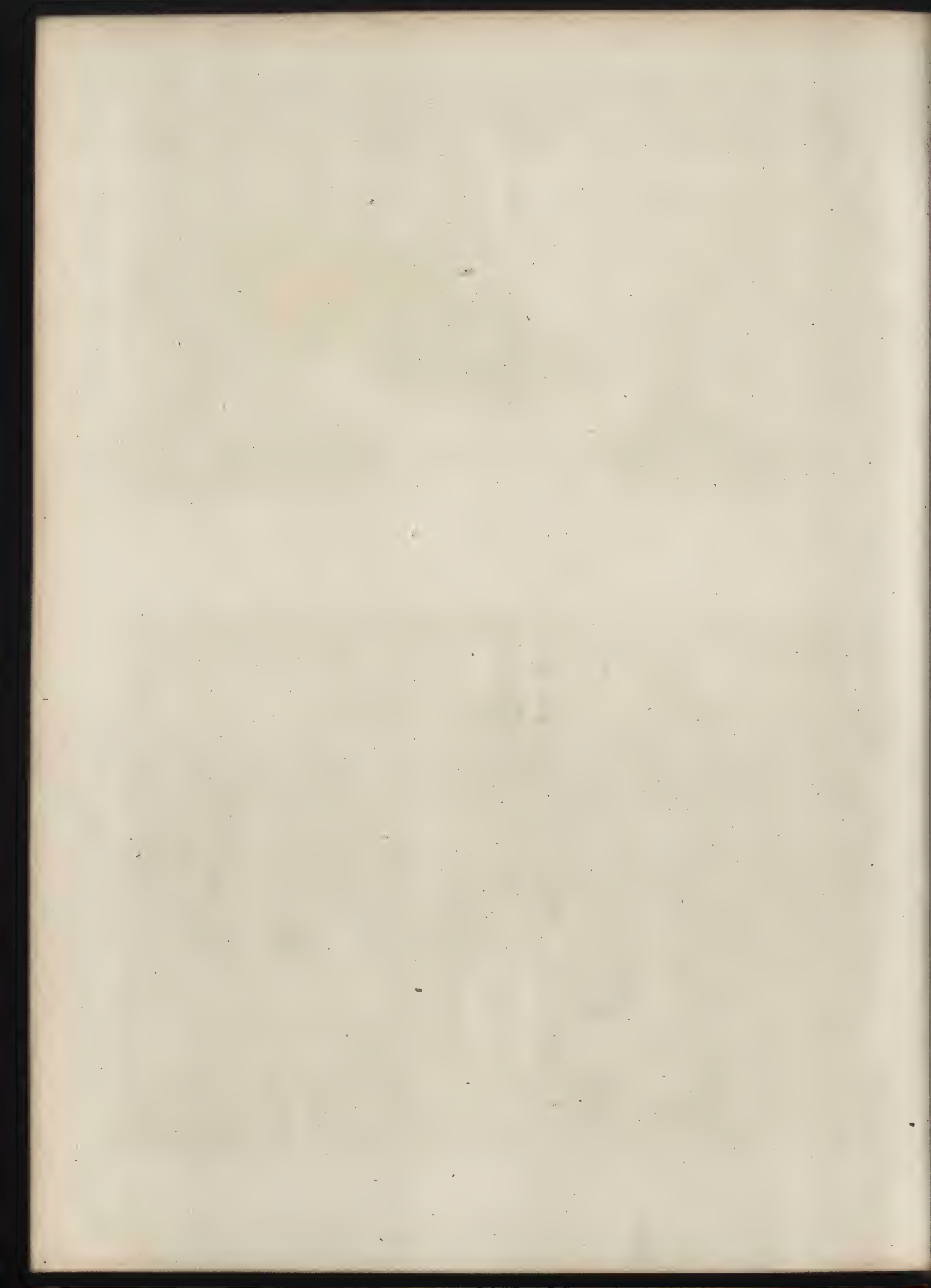




Fig. 2.



Fig. 1.



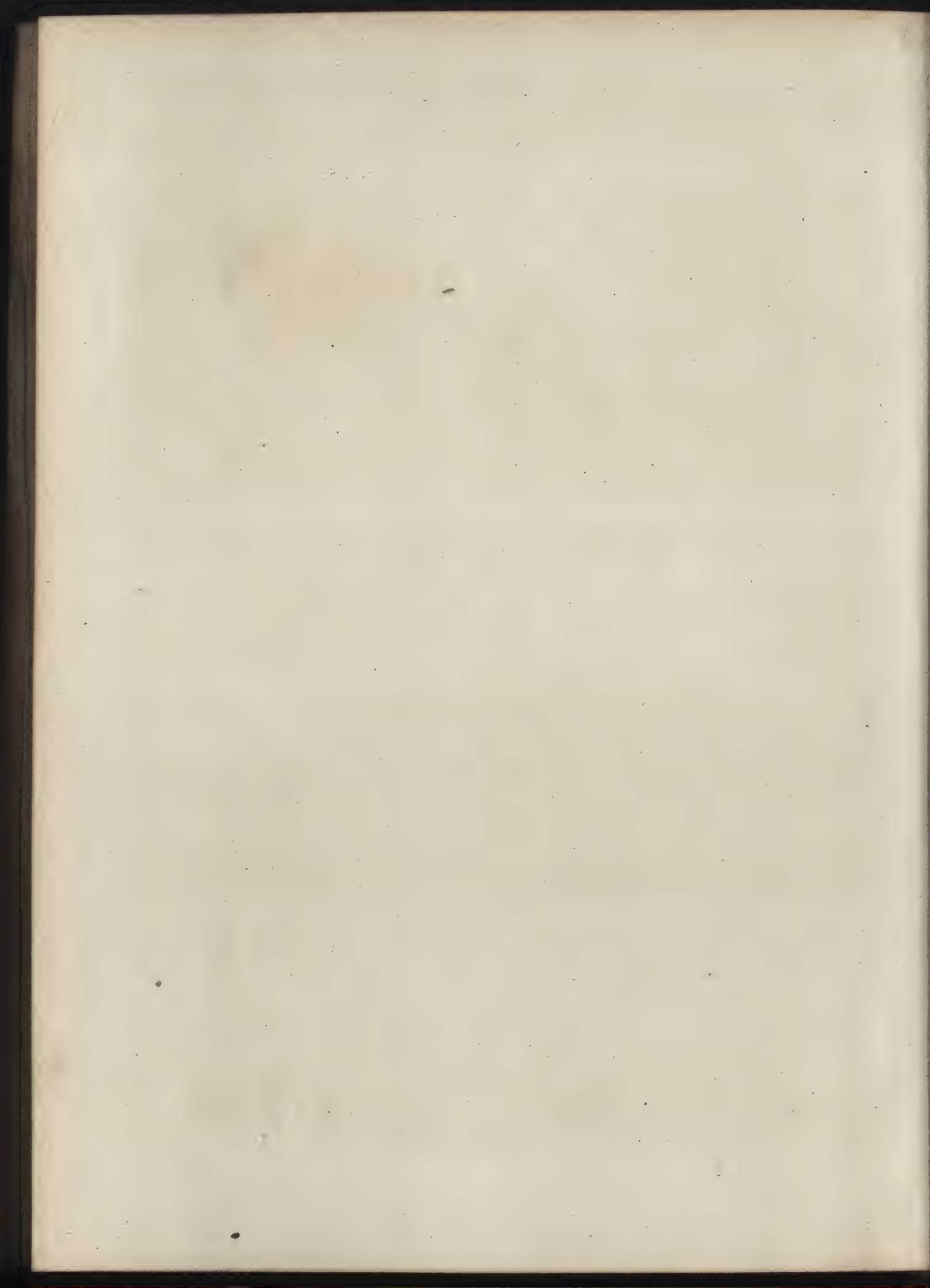


Fig. 1.

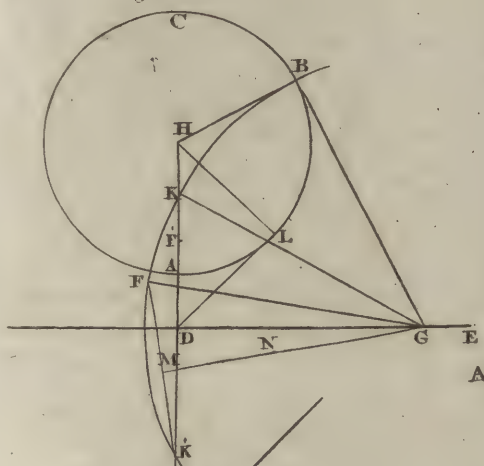


Fig. 5.

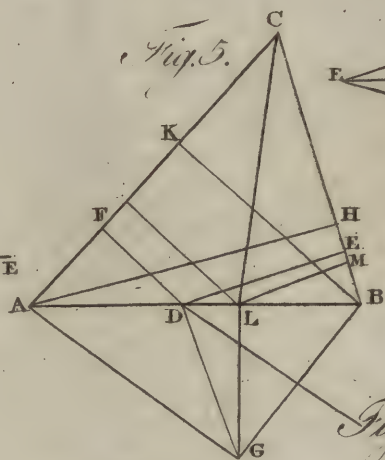


Fig. 3.

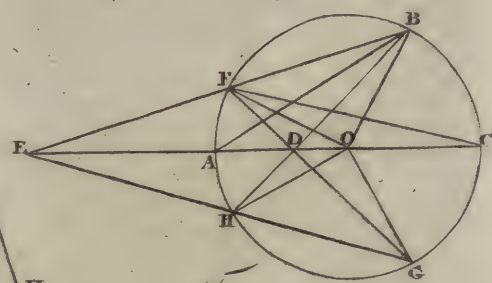


Fig. 7.

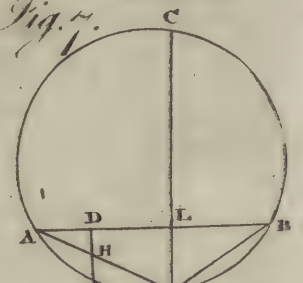


Fig. 2.

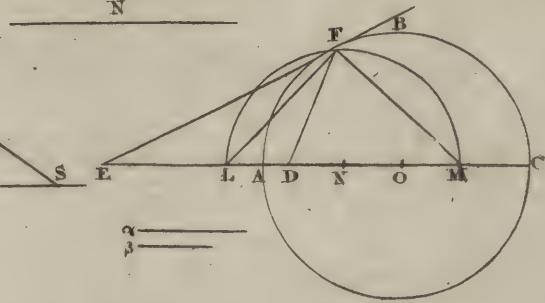


Fig. 4.

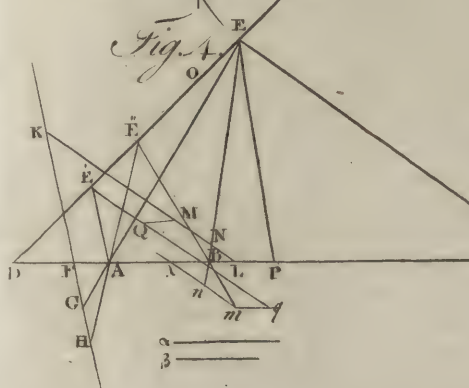
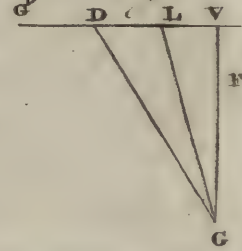


Fig. 6.

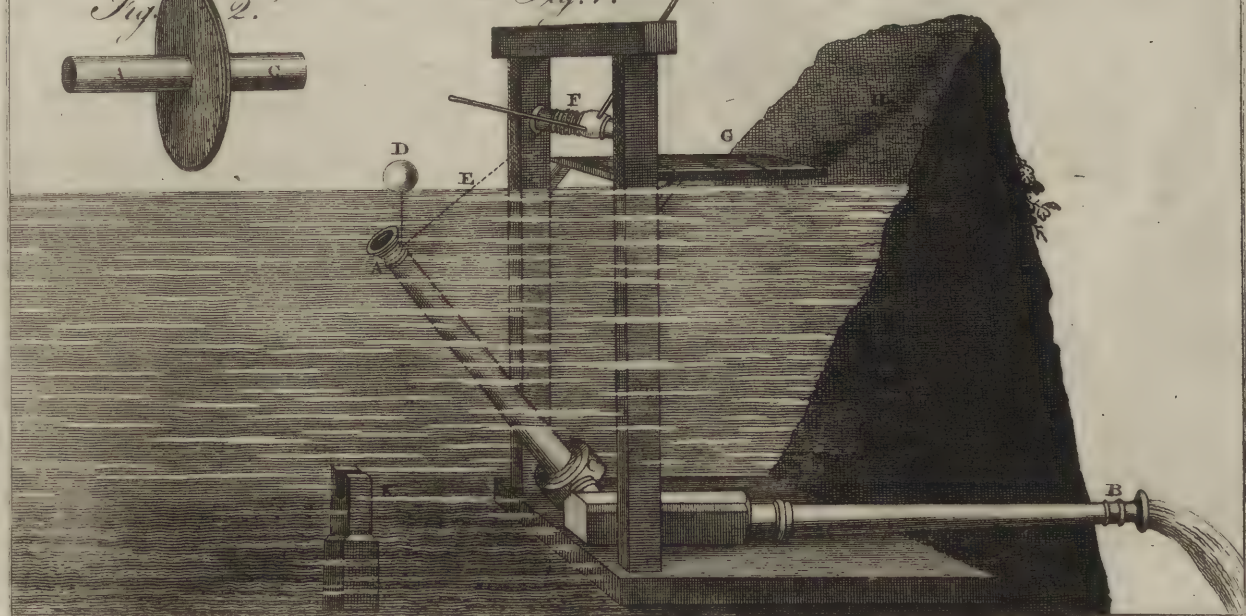


Machine for draining Ponds without disturbing the Mud.

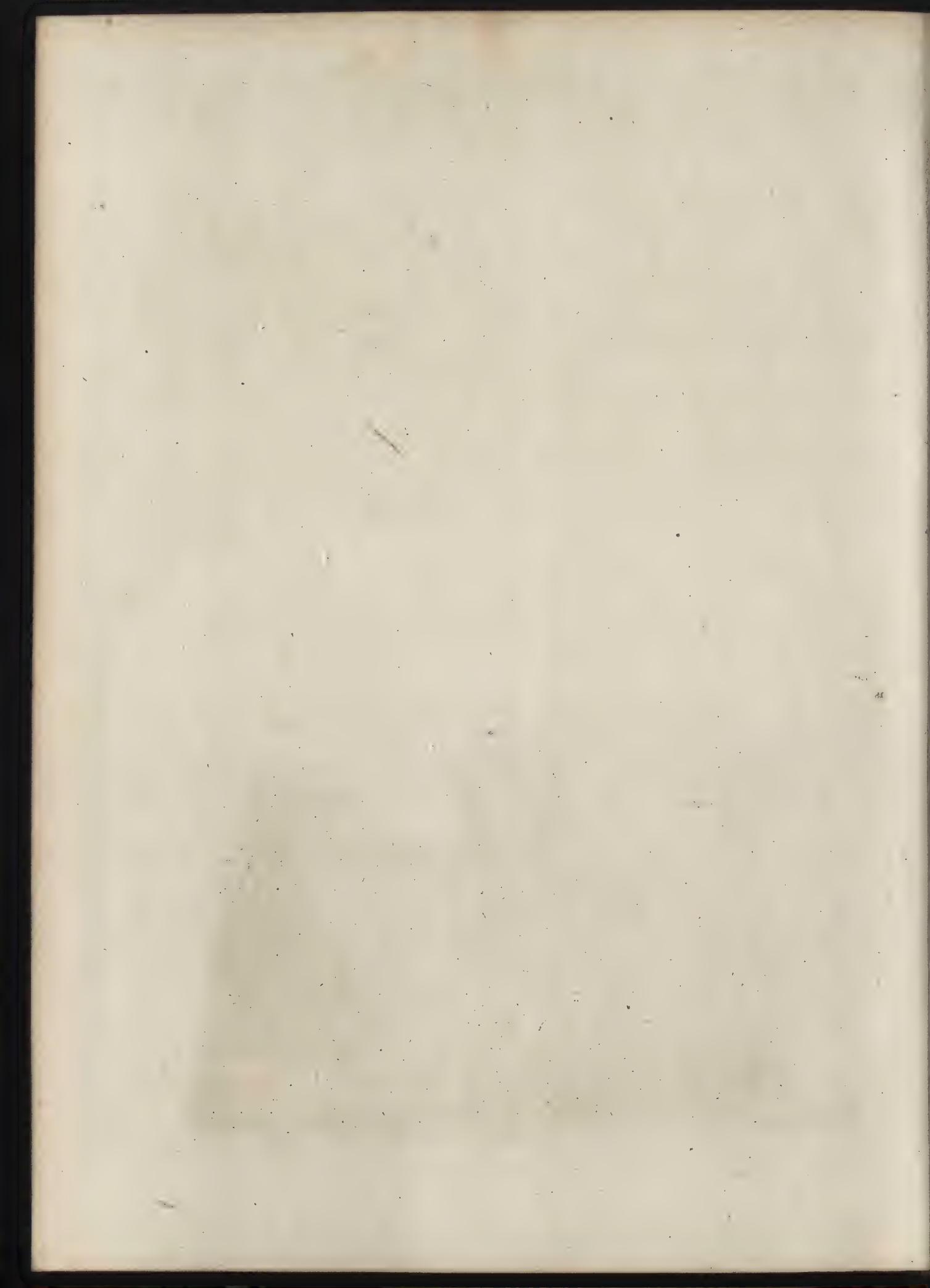
Fig. 2.



Fig. 1.

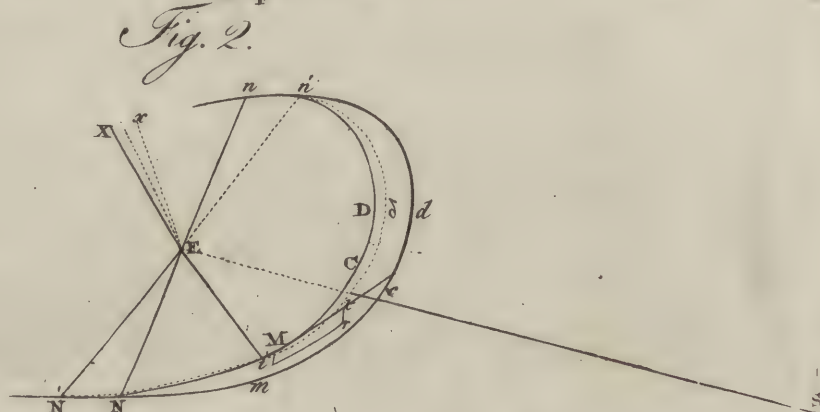
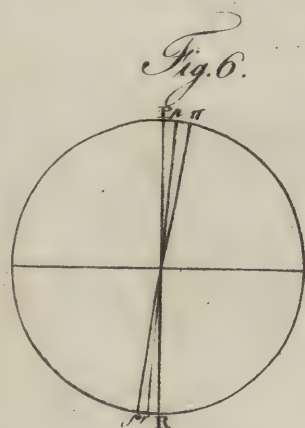
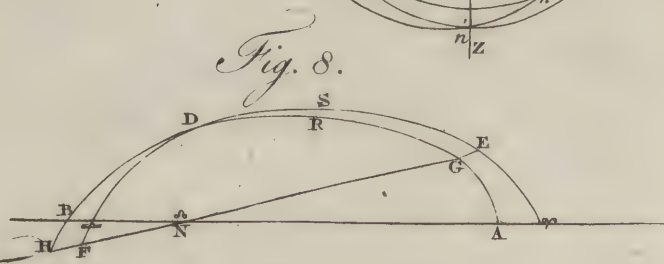
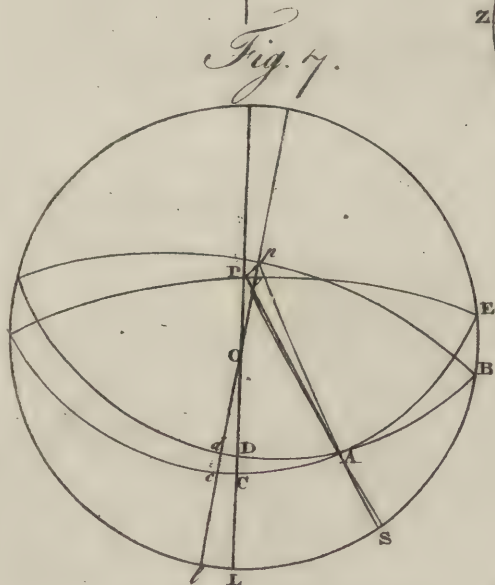
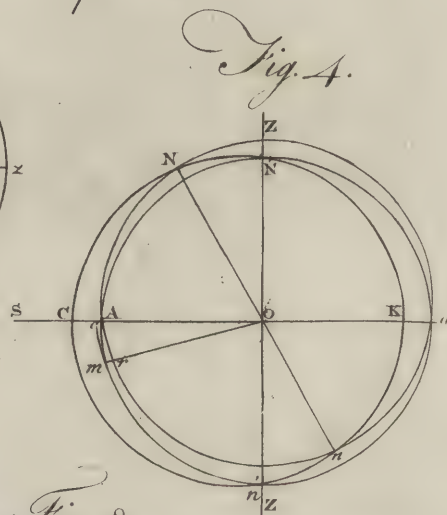
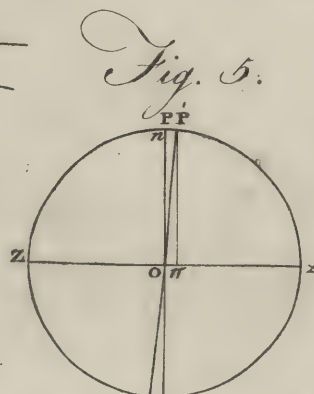
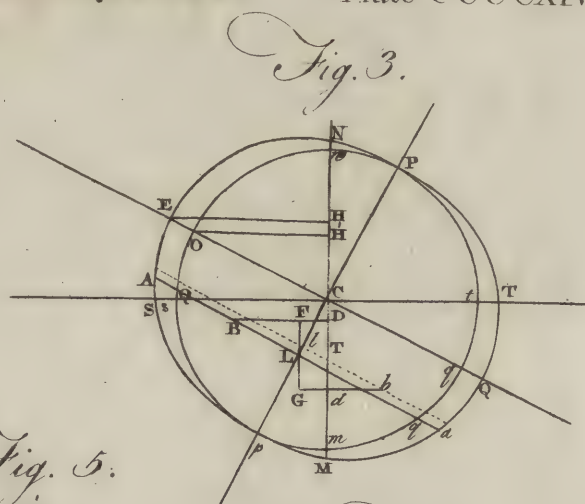
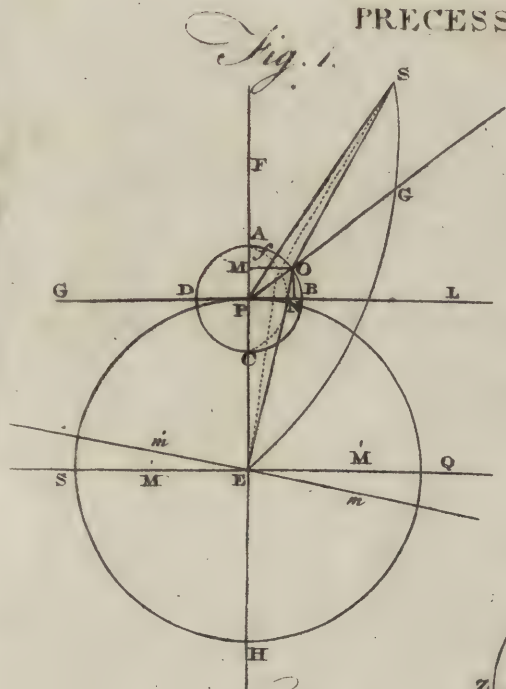


W. Bell, Print & Publisher.



PRECESSION of the EQUINOXES.

Plate CCCCXIV.



A. Bell Pin. Wal. Sculptor fecit.

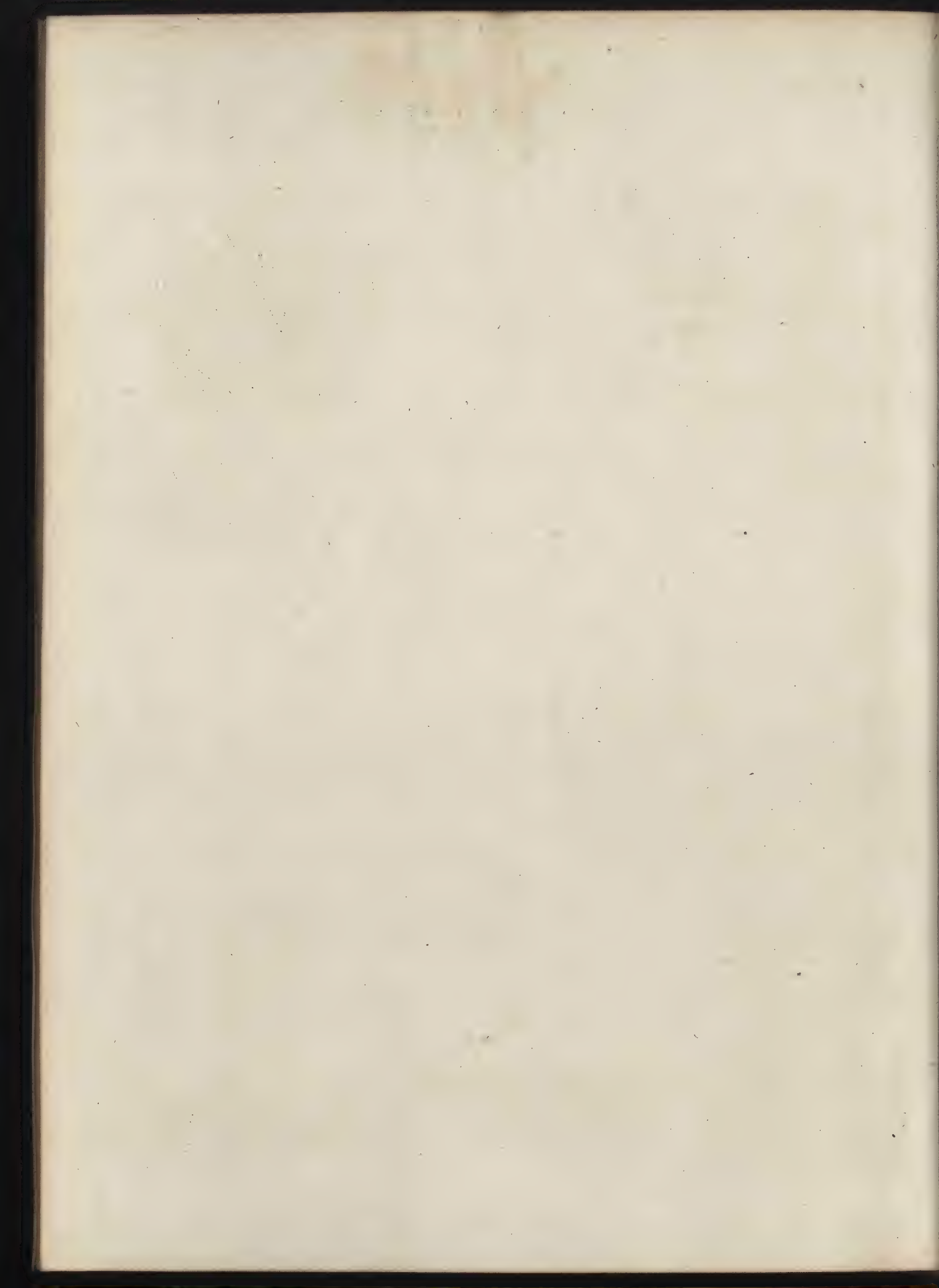
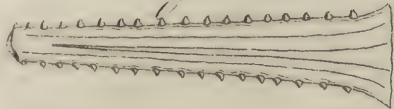


Fig. 4.



Pristis.
Fig. 2.

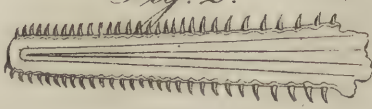
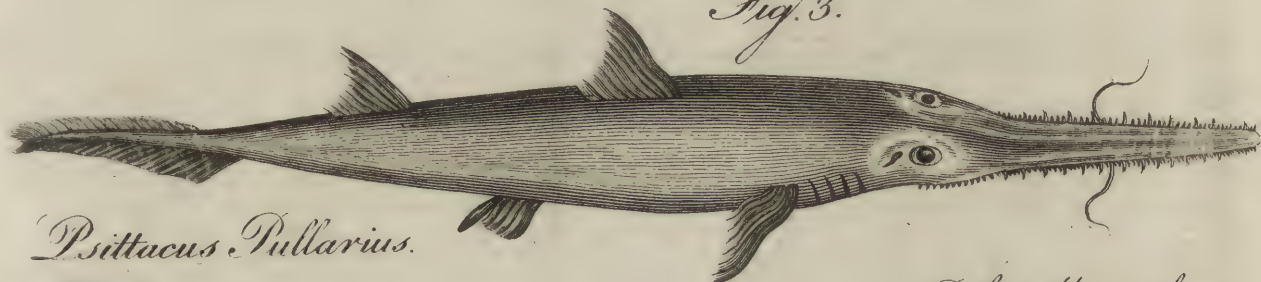


Fig. 1.



Fig. 3.



Psittacus Pullarius.



Psophia Crepitans.



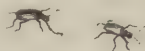
Pulex Monoculus.



Chego or Pulex Minimus.



Plini.

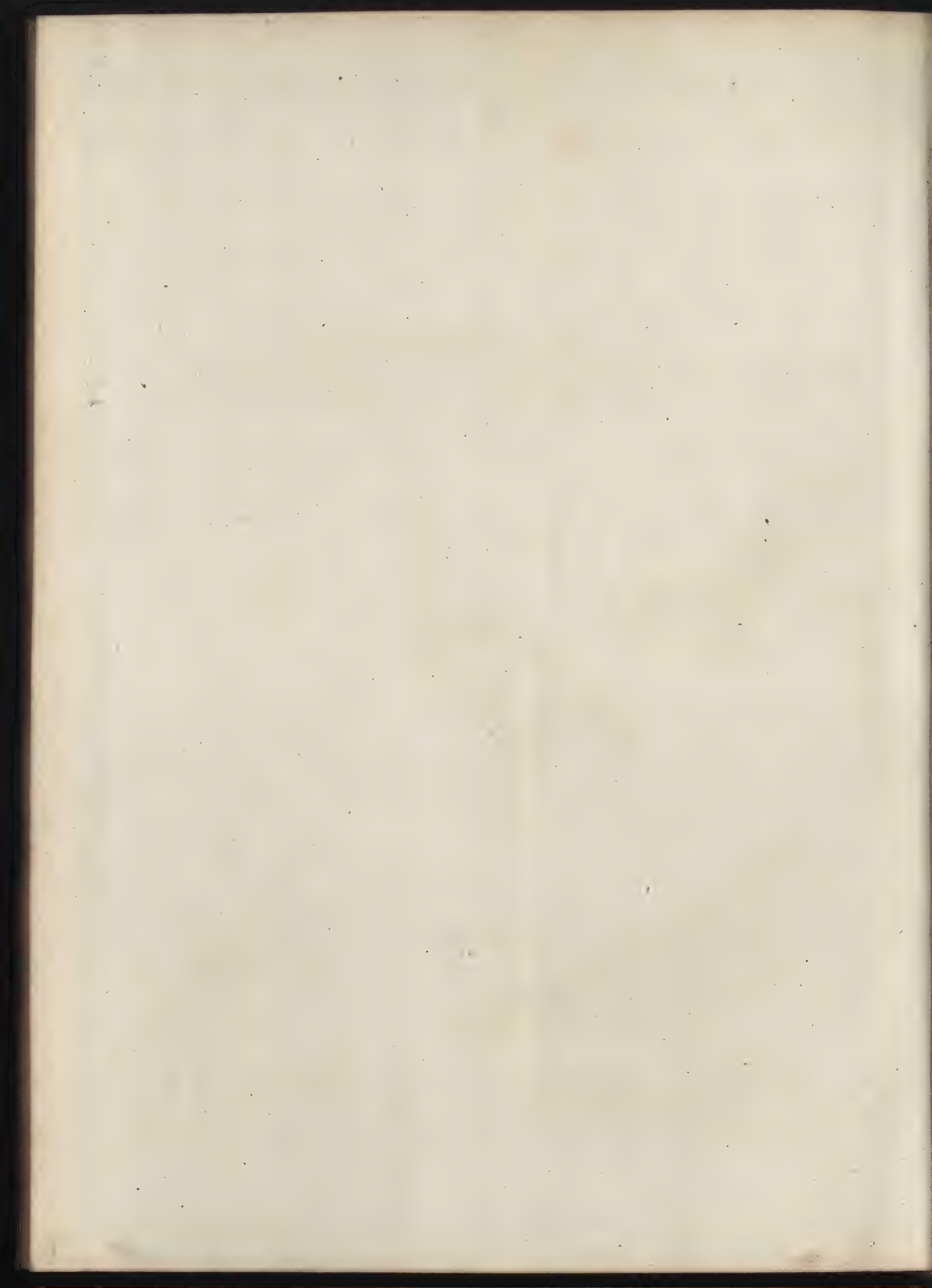


Procellaria Peteril.



Psittacus Guineensis.





PROJECTILES.

Fig. 3. Plate CCCCXVII.

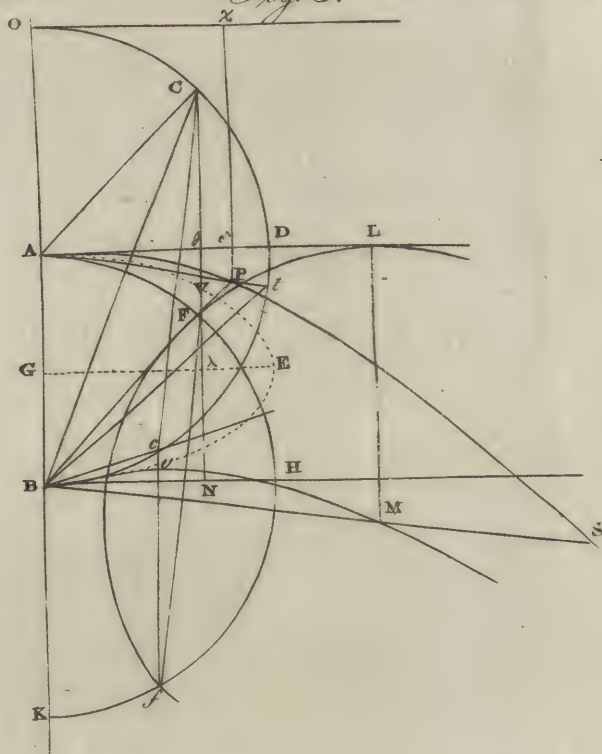
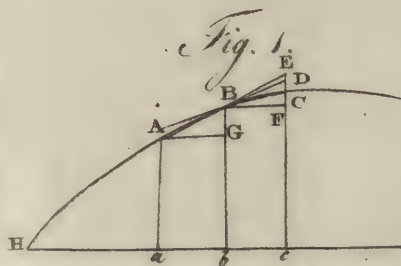


Fig. 2.

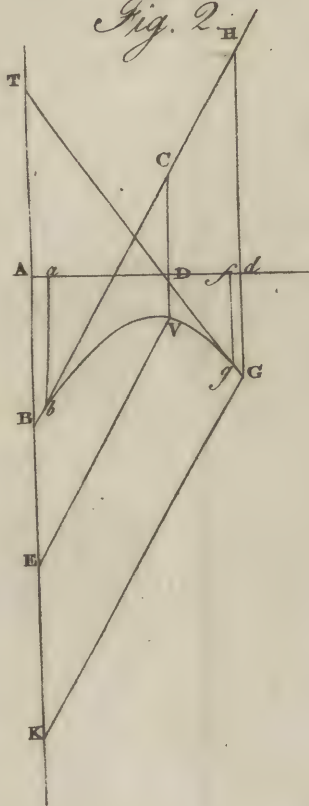


Fig. 4.

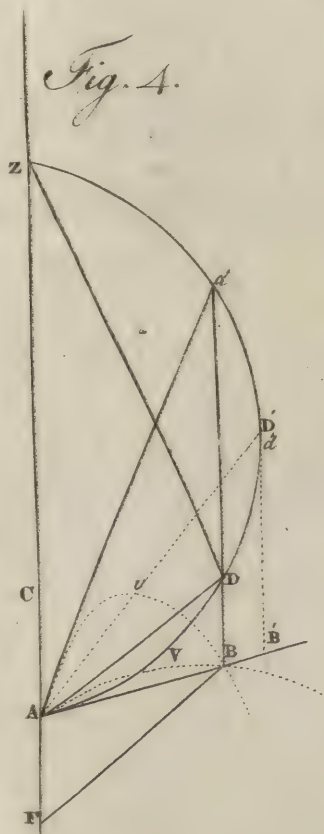


Fig. 5. called by mistake in the print 6 see 552 p.

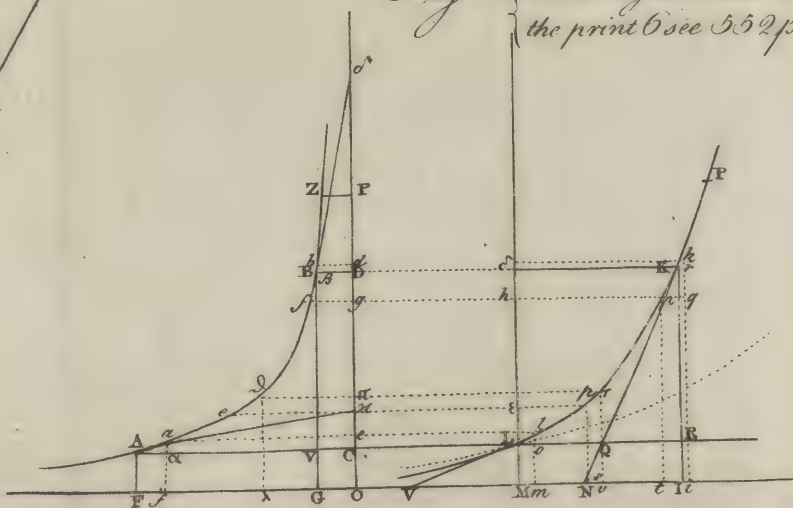


Fig. 6.

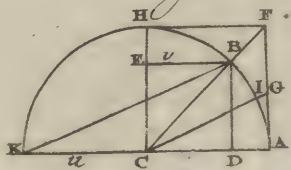
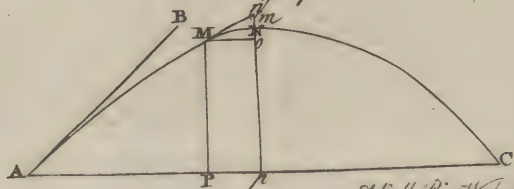


Fig. 7.



A. Bell Pin. Wain. Sculptor fecit.

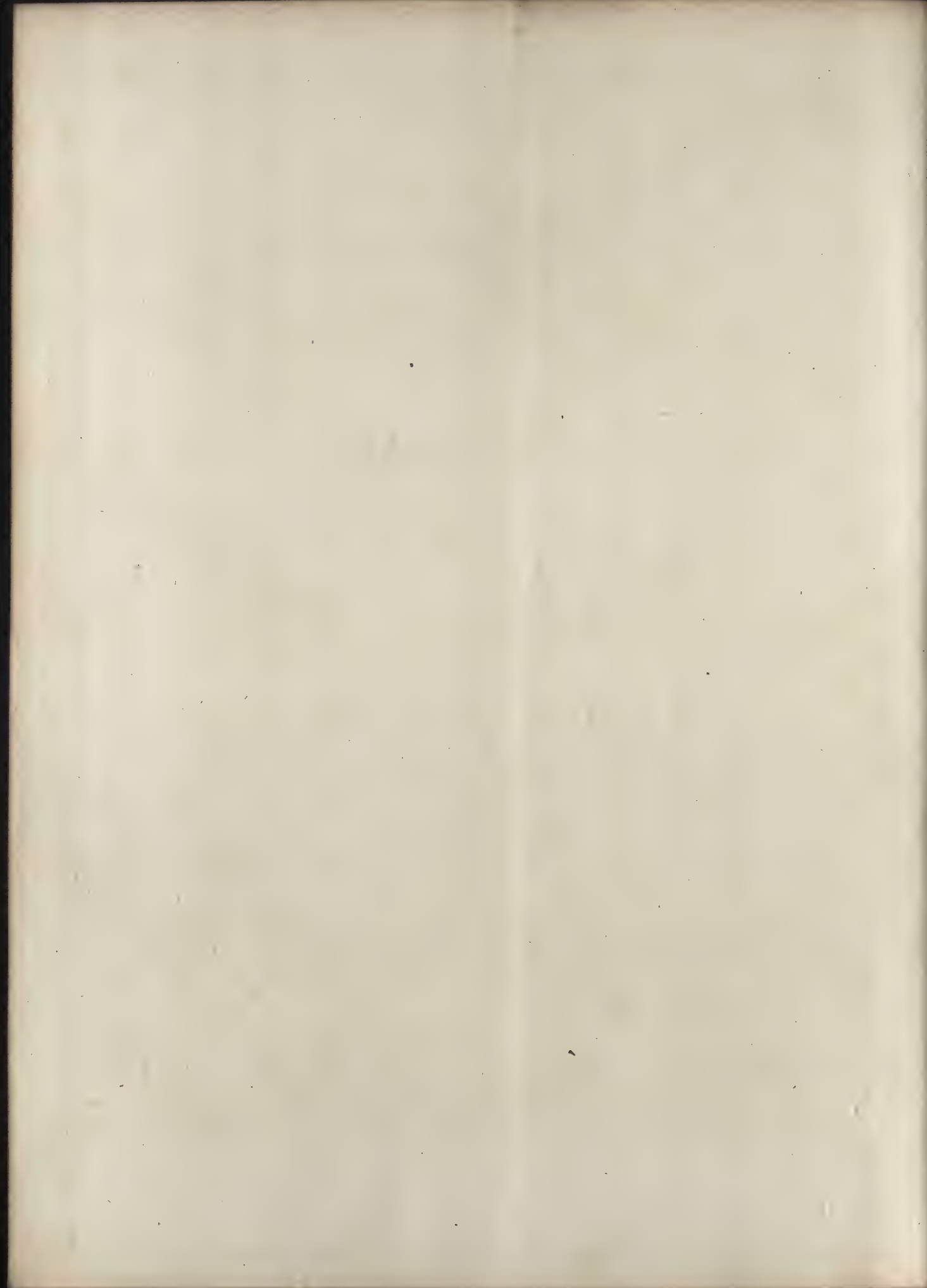


Fig. 7

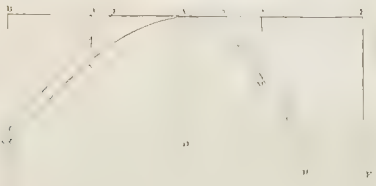


Fig. 8

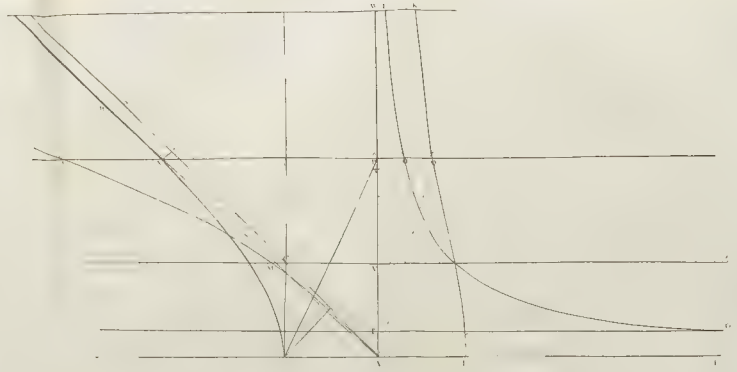
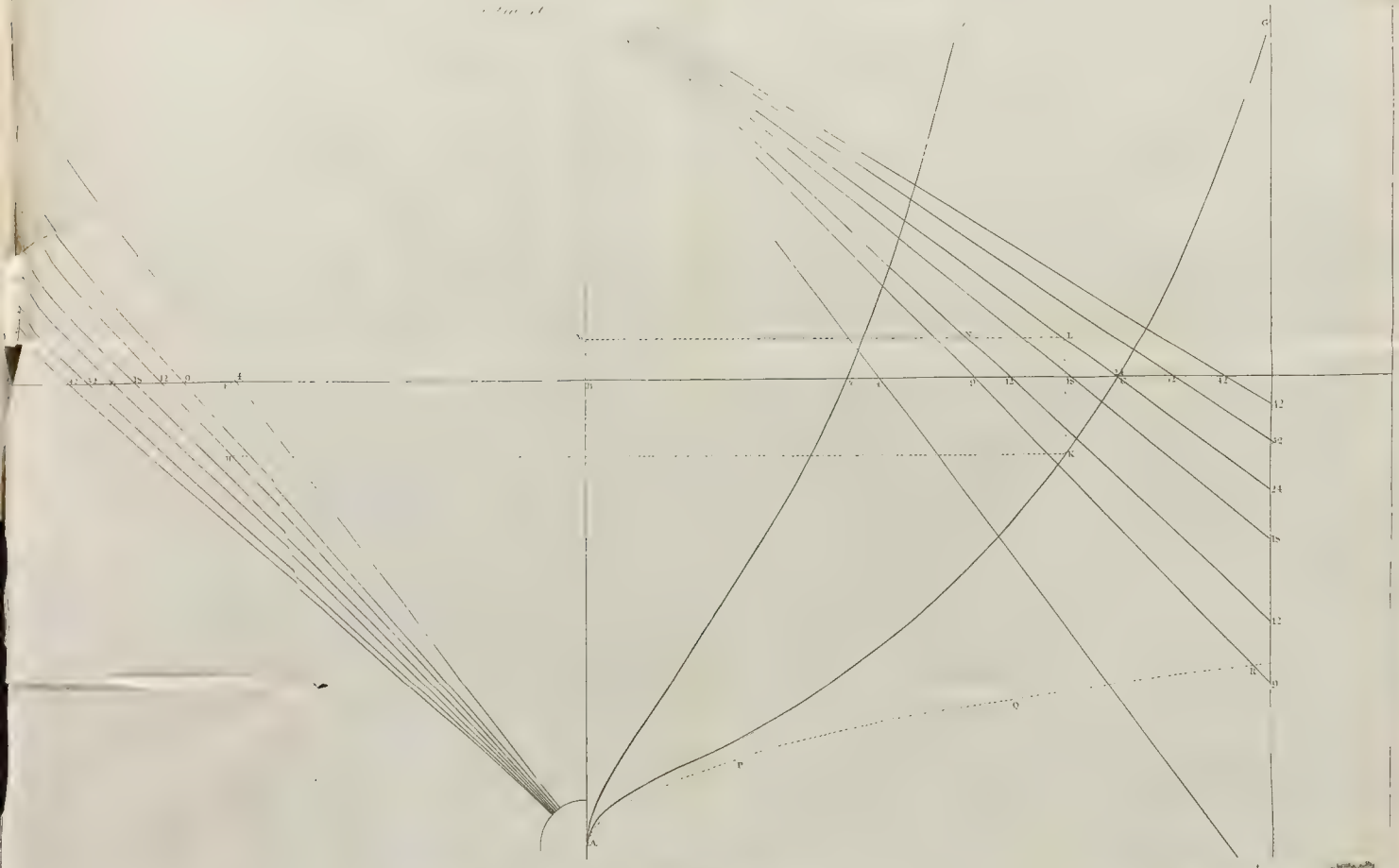


Fig. 9



PROTRACTOR.

Fig. 2.

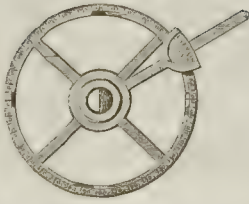


Fig. 3.

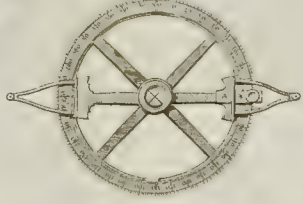


Fig. 4.

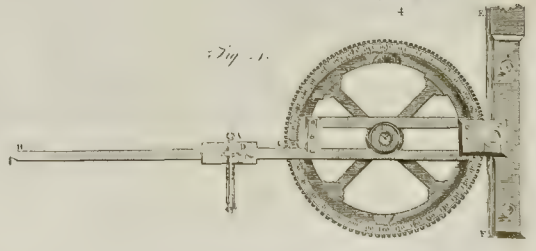


Fig. 1



Back of
Foldout
Not Imaged

Fig. 1.

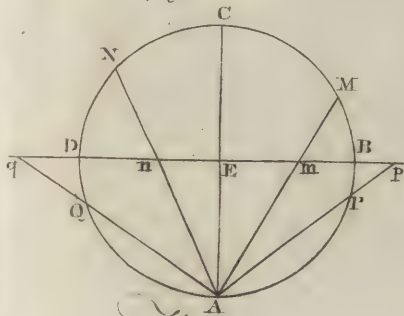


Fig. 2.

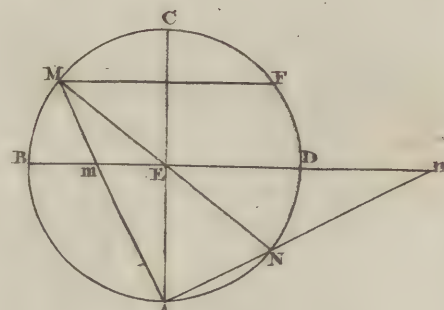
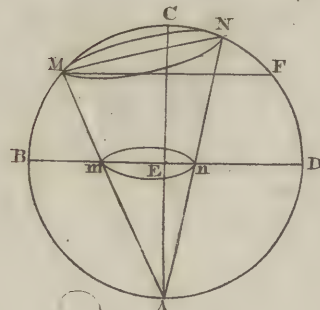


Fig. 3.

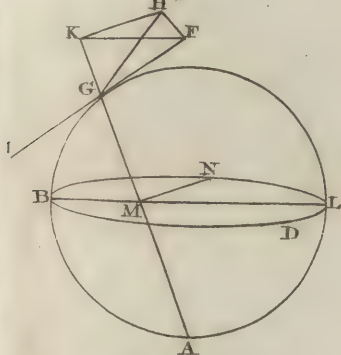


Fig. 4.

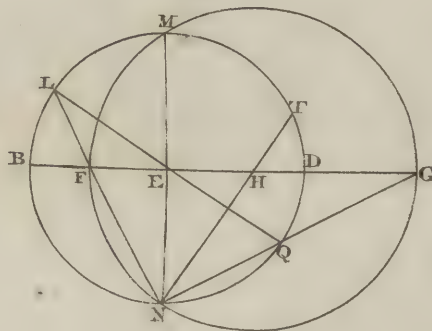


Fig. 5.

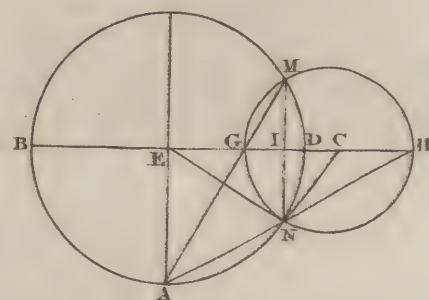


Fig. 6.

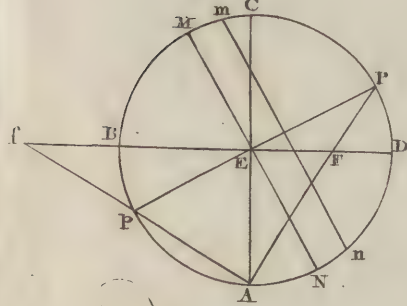


Fig. 7.

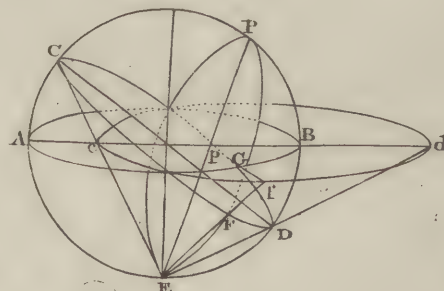


Fig. 8.

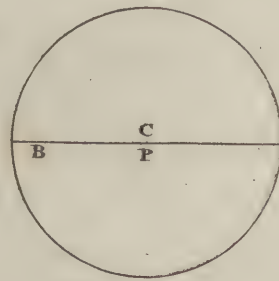


Fig. 9.

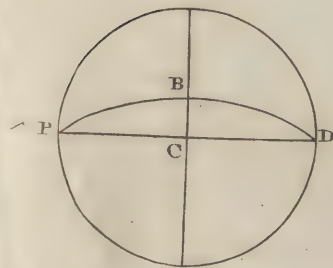


Fig. 10.

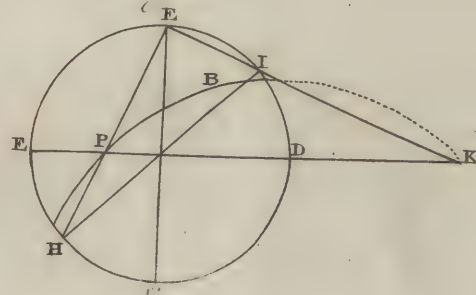
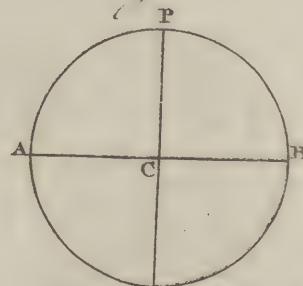


Fig. 11.



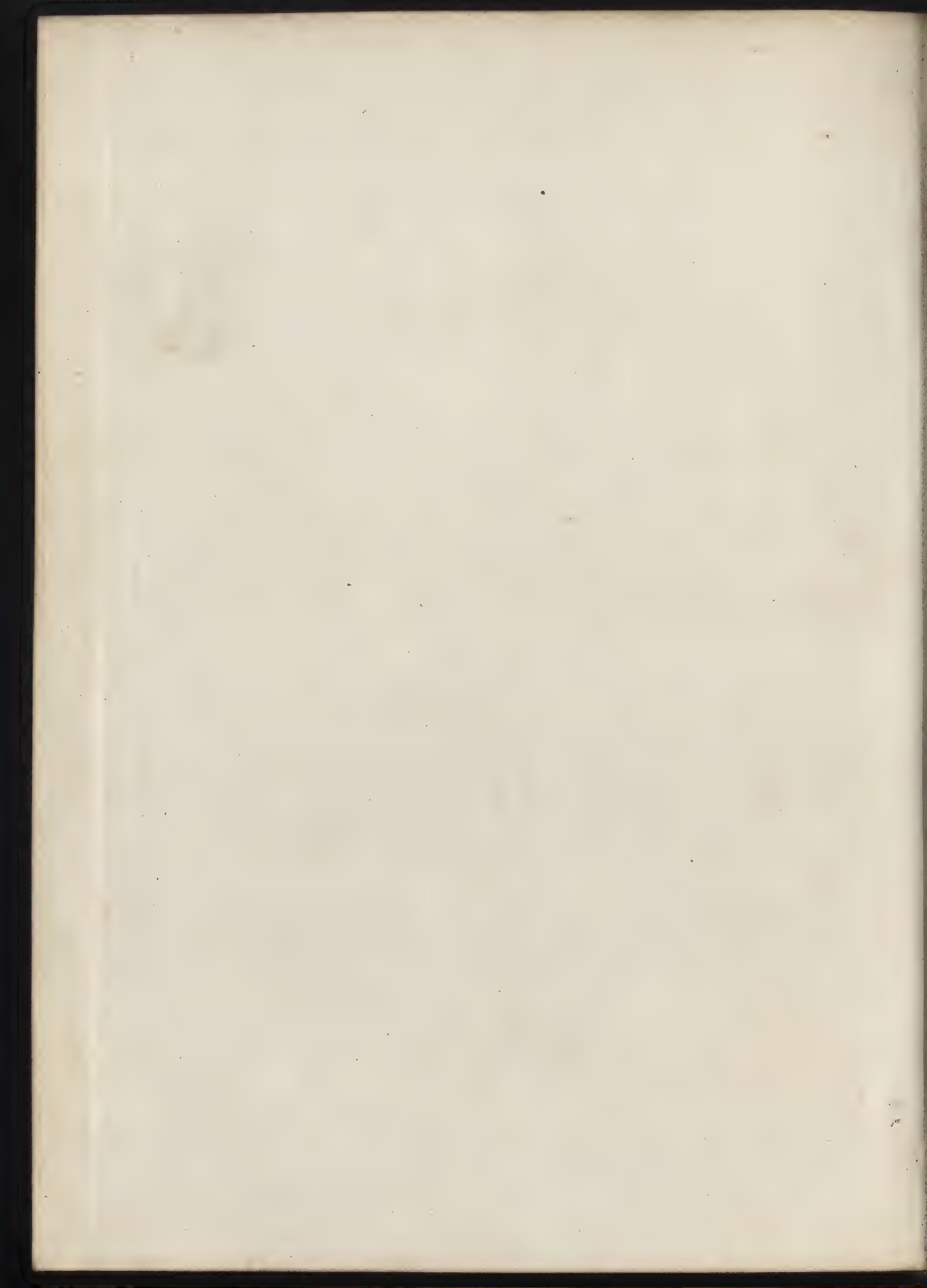


Fig. 12.

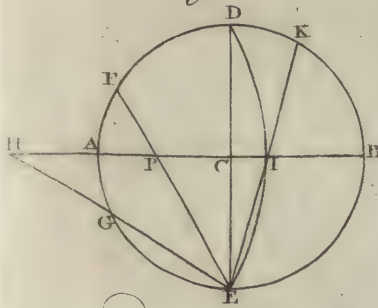


Fig. 13.

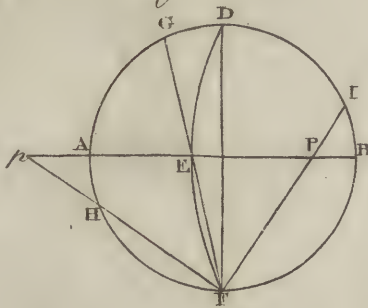


Fig. 14.

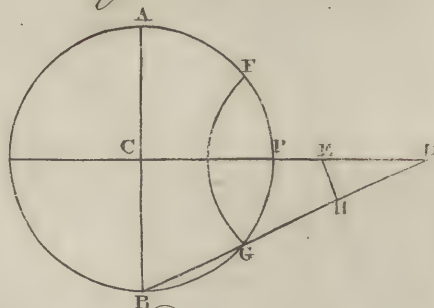


Fig. 15.

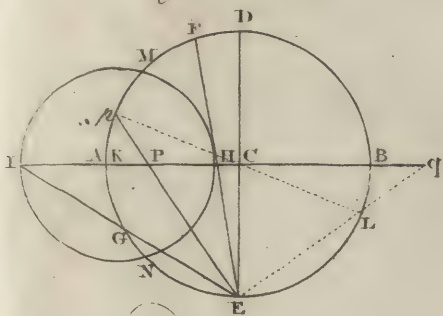


Fig. 16.

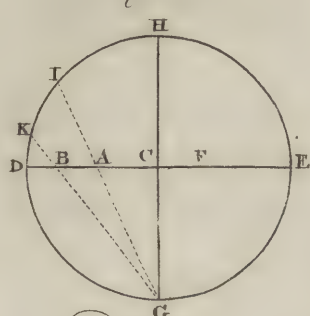


Fig. 17.

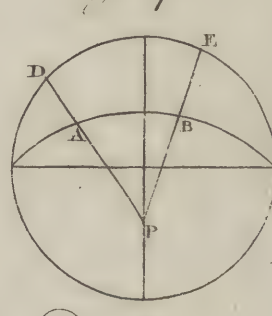


Fig. 18.

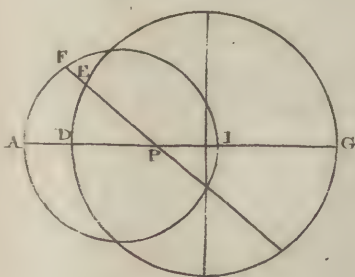


Fig. 19.

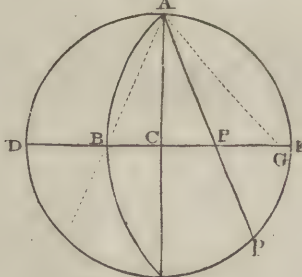


Fig. 20.

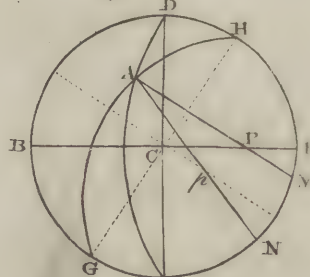


Fig. 21.

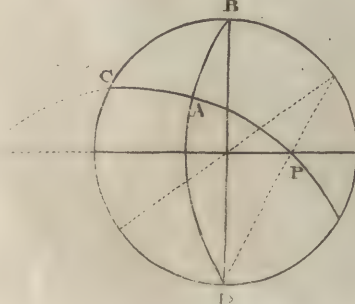


Fig. 22.

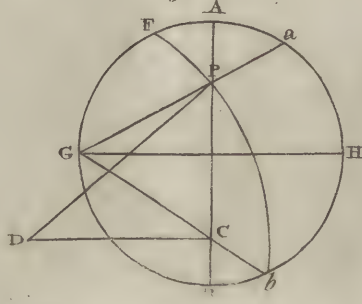
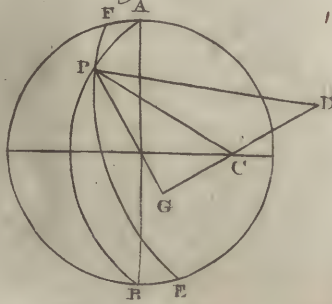


Fig. 23.



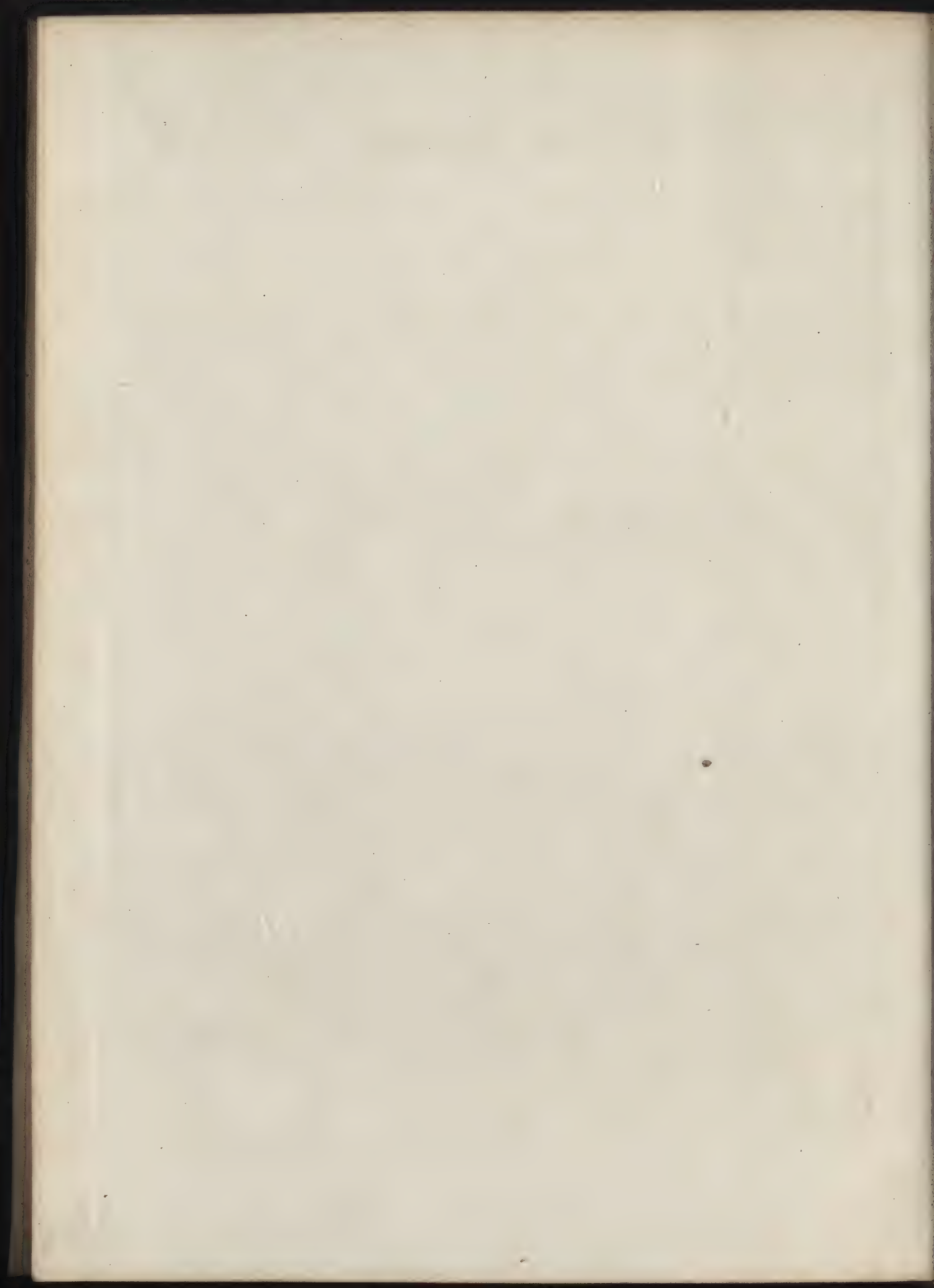
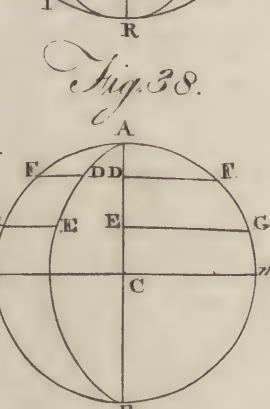


Plate CCCCXVI.



• *Abell (Pain. Wat. Sculptor p. cit.*



PROJECTION of the SPHERE.

Plate CCCCXXII.

Fig. 39.

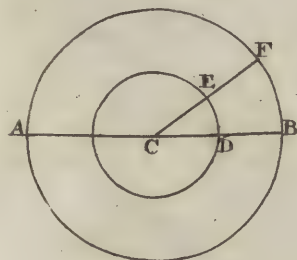


Fig. 40.

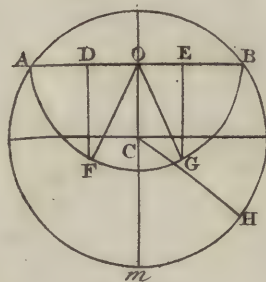


Fig. 41.

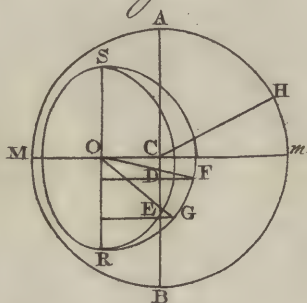


Fig. 42.

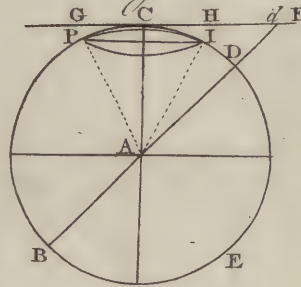


Fig. 43.

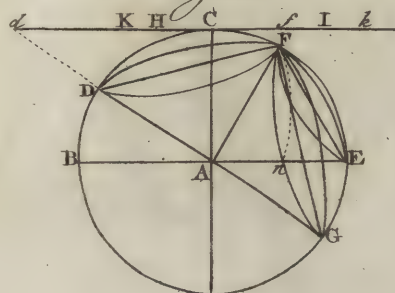


Fig. 44.

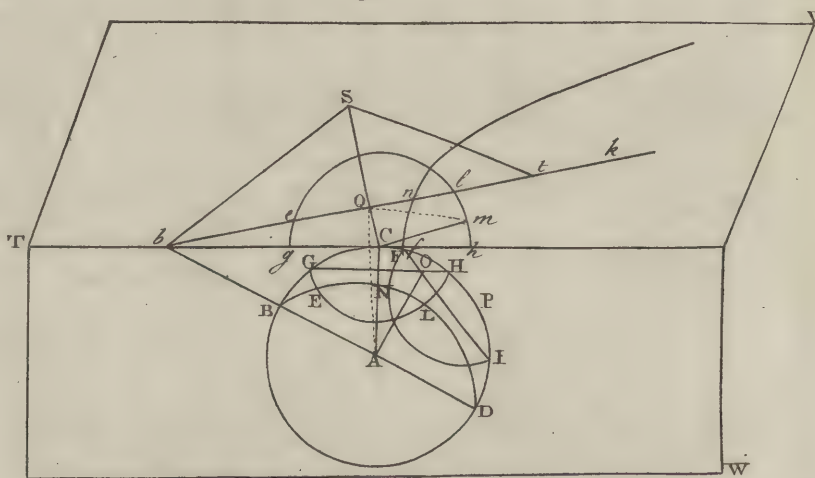


Fig. 46.

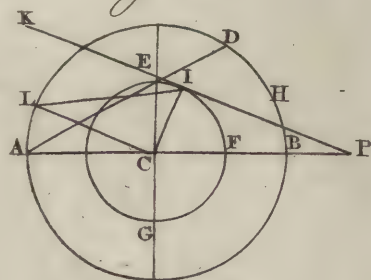


Fig. 45.

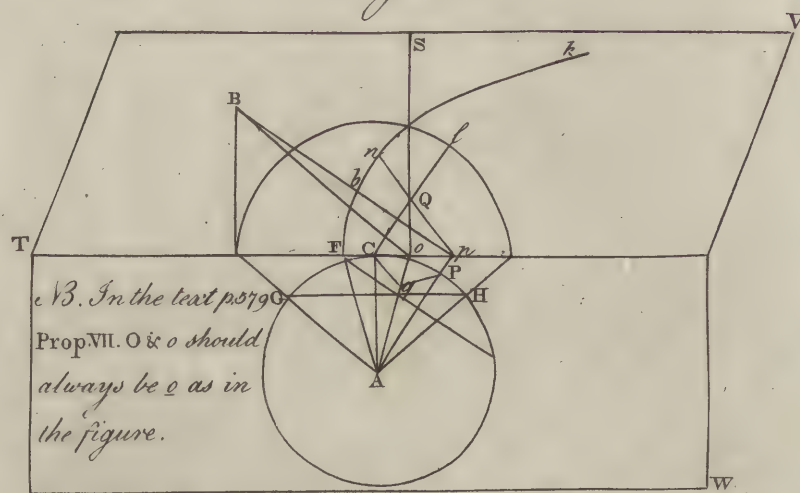
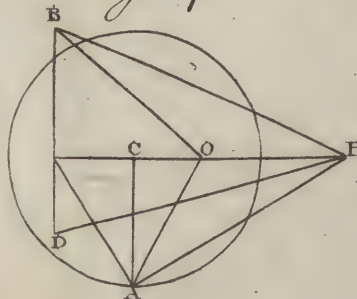


Fig. 47.



13. In the text p. 799
Prop. VII. O & o should
always be c as in
the figure.

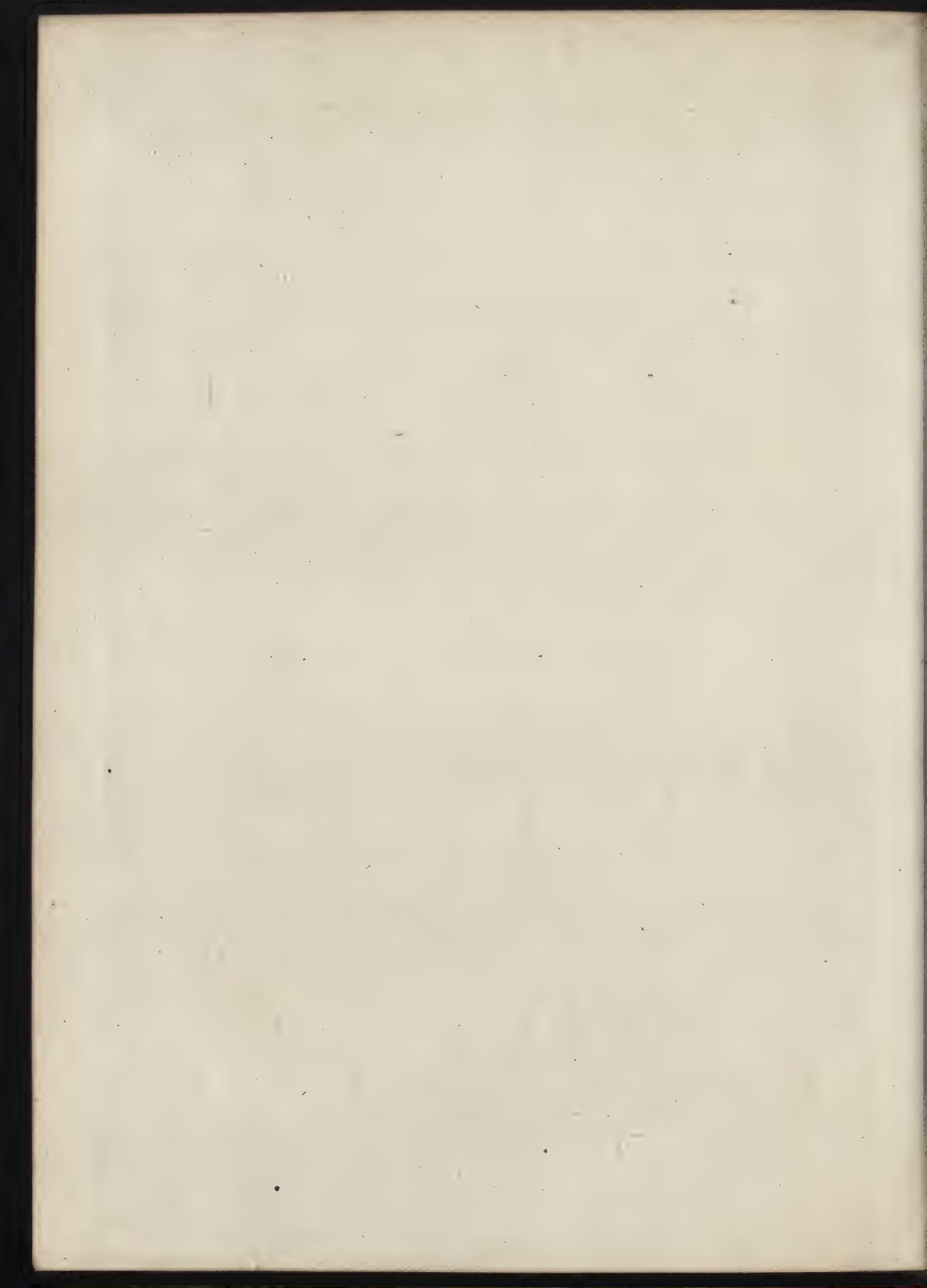


Fig. 48.

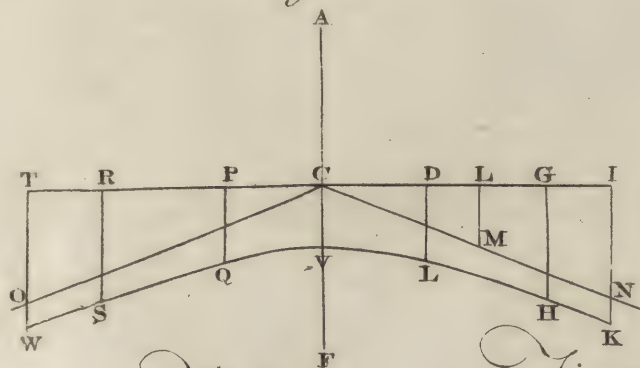


Fig. 49.

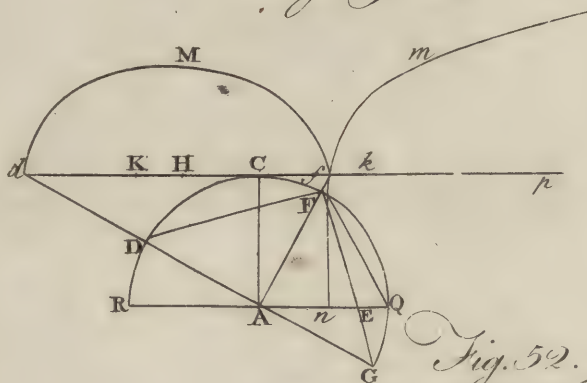


Fig. 50.

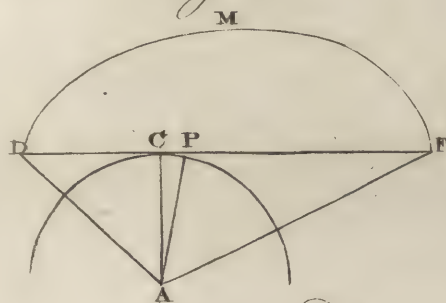


Fig. 51.

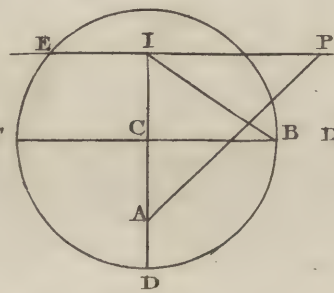


Fig. 52.

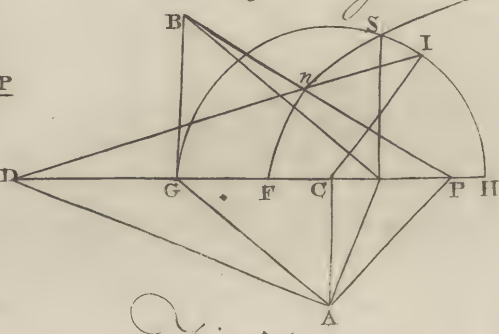


Fig. 53.



Fig. 54.

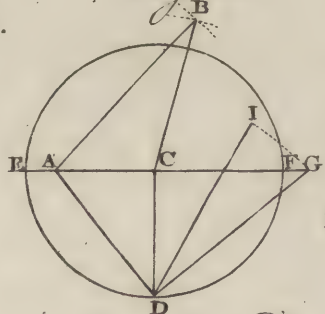


Fig. 55.

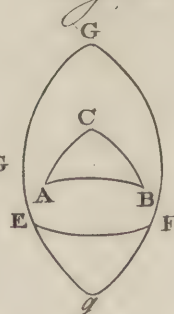


Fig. 56.

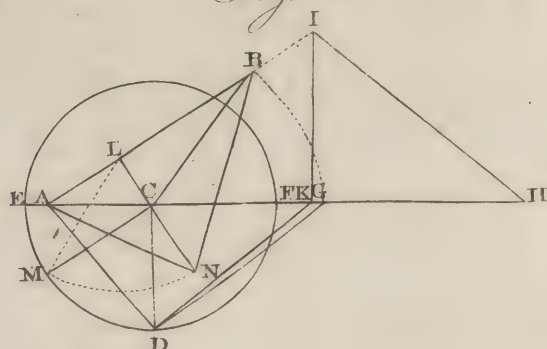
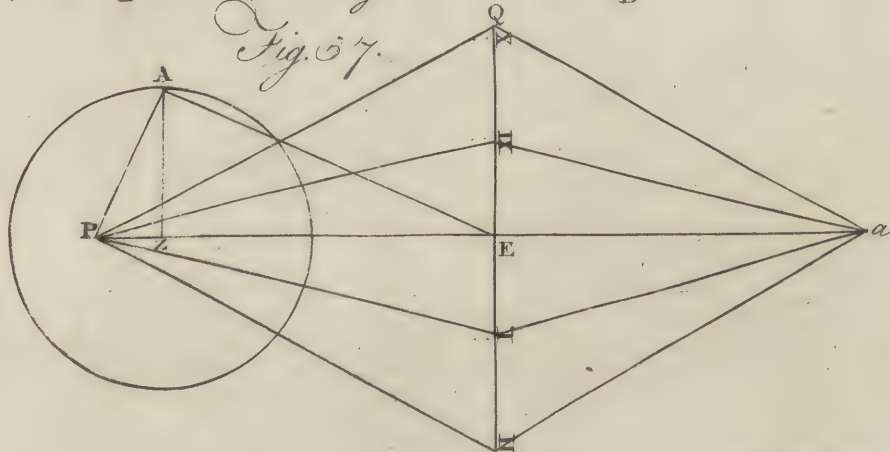
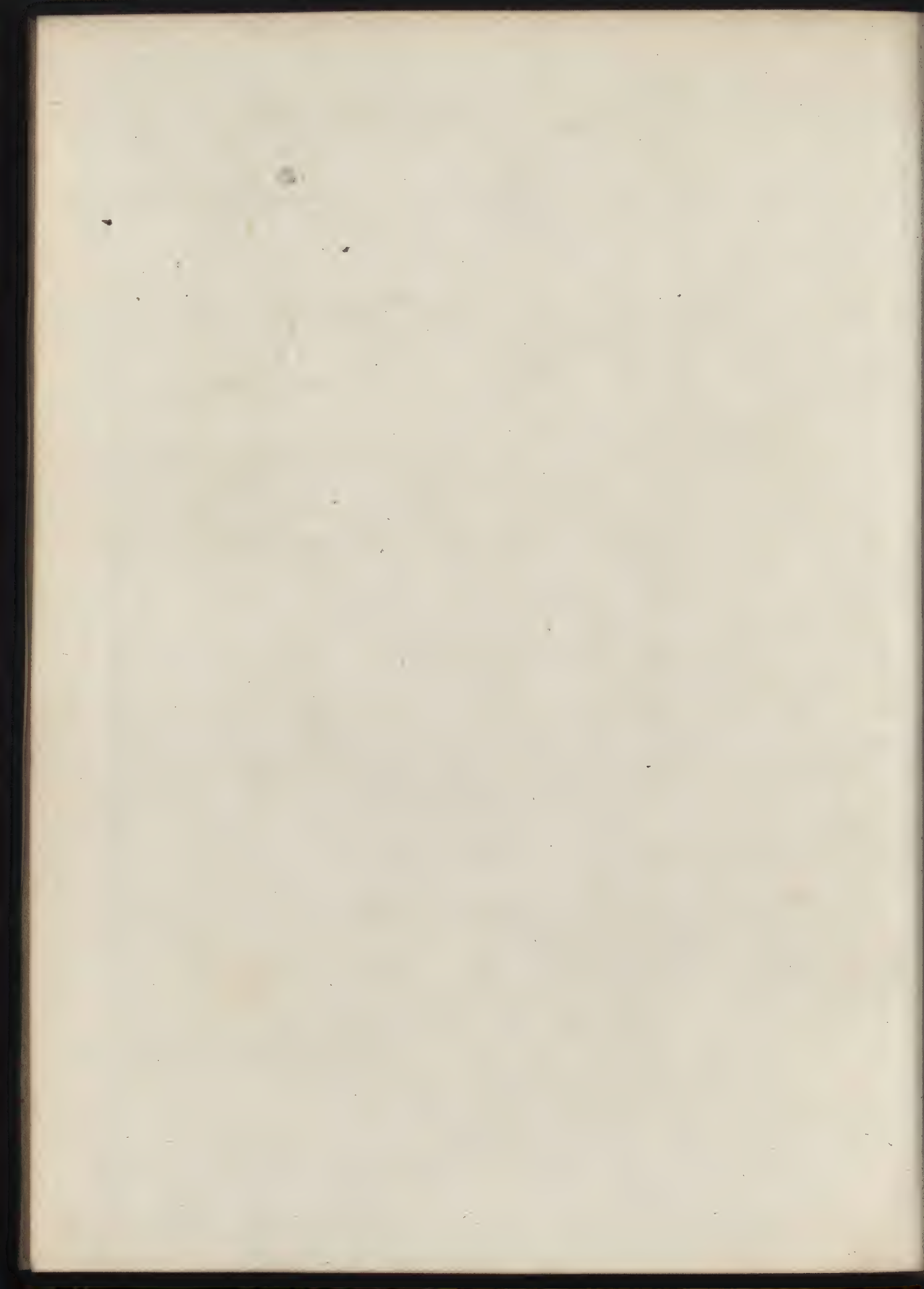


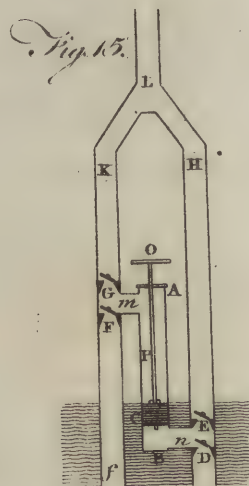
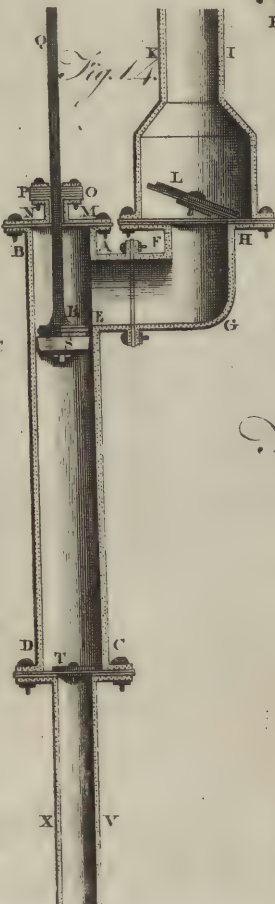
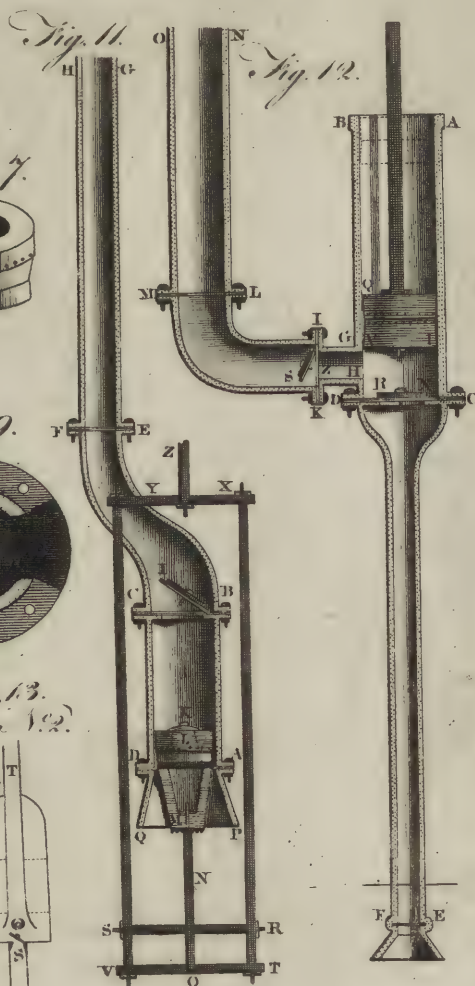
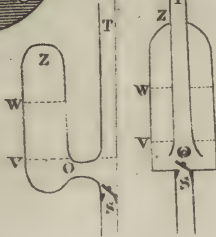
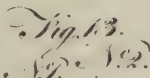
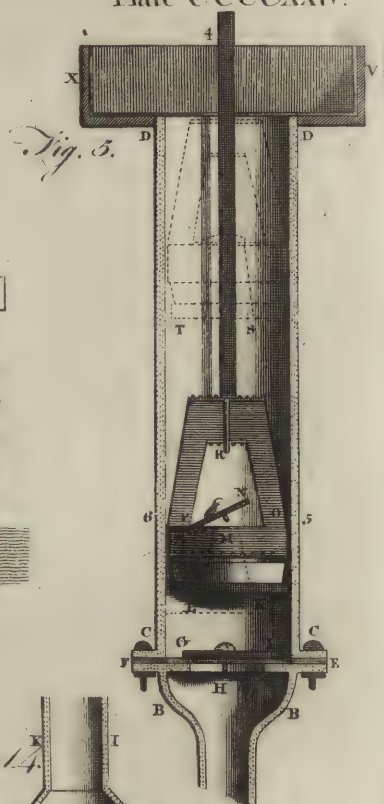
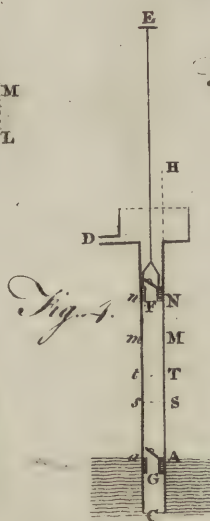
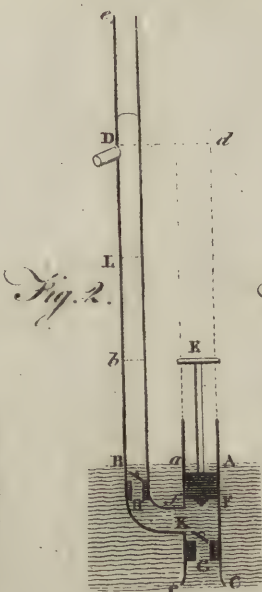
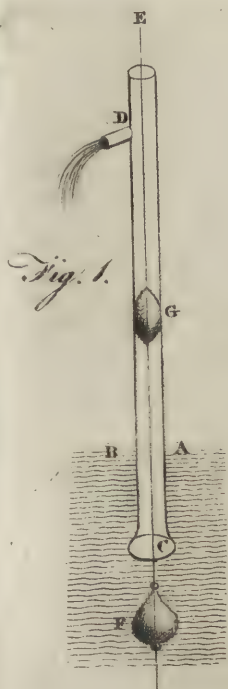
Fig. 57.





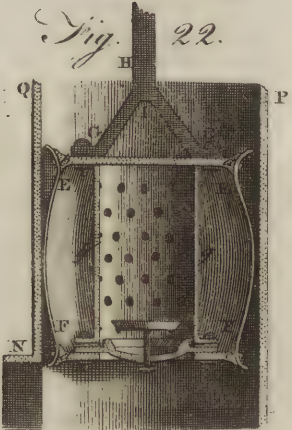
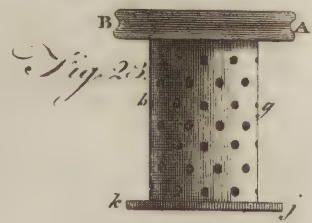
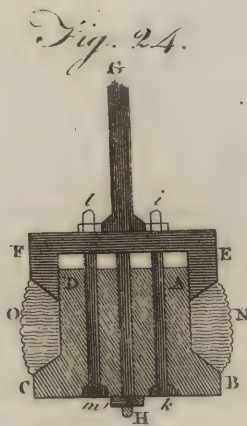
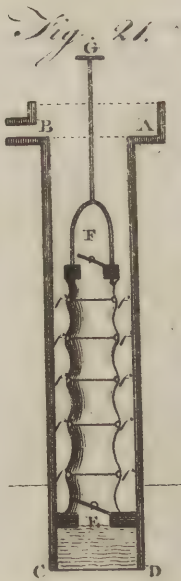
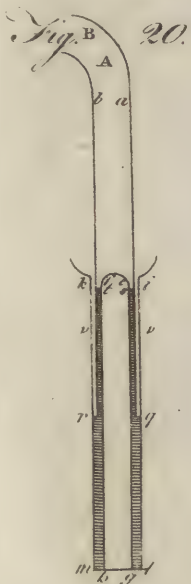
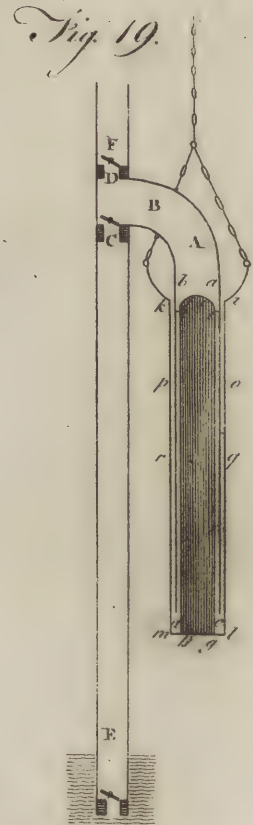
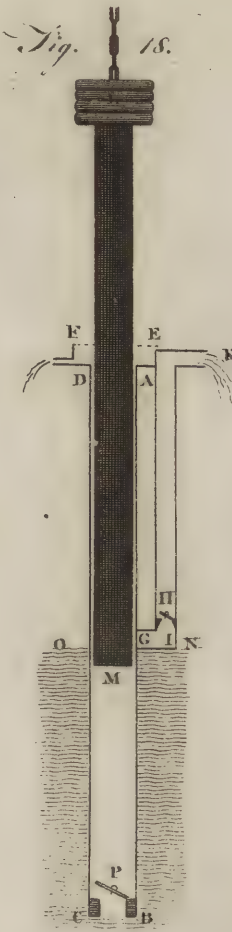
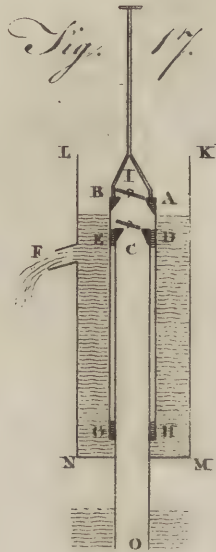
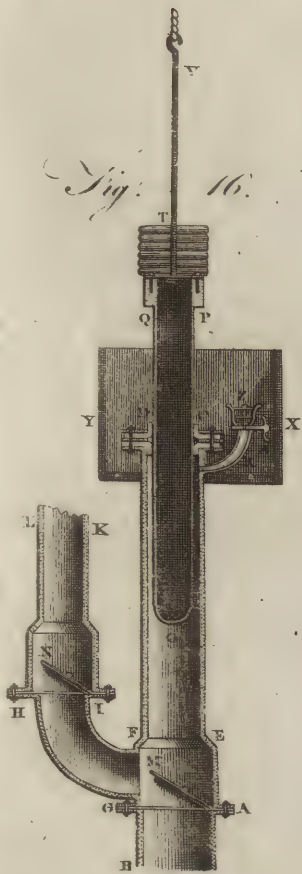
PUMP.

Plate CCCCXXIV.

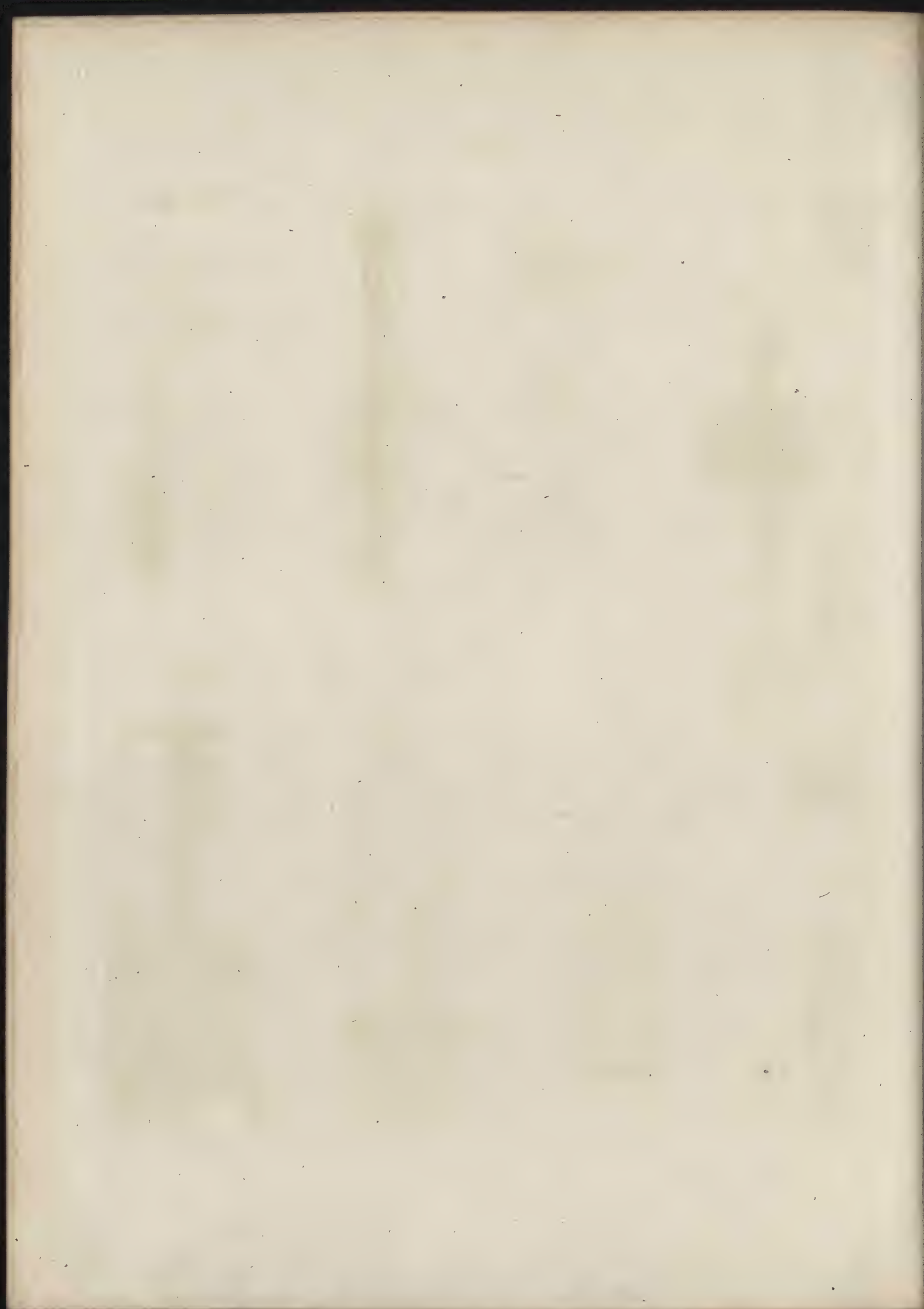


A. Bell, Prin. Wat. Sculptor & Co.





J. Bell, Pump Makers, Sculptors, &c.



PUMP.

Plate CCCCXXVI.

Fig. 25.

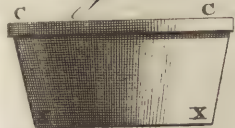


Fig. 26.

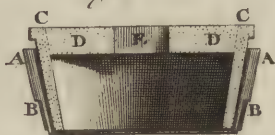


Fig. 28.

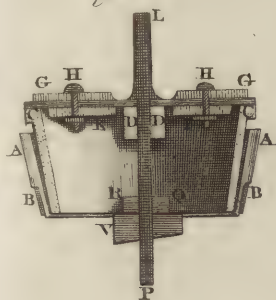


Fig. 30.

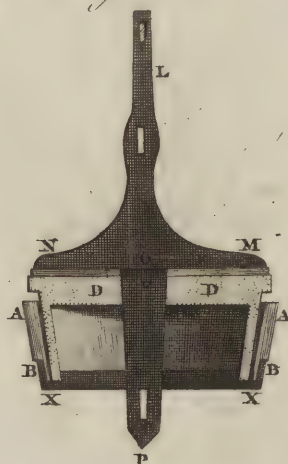


Plate CCCCX
Fig. 27.
M

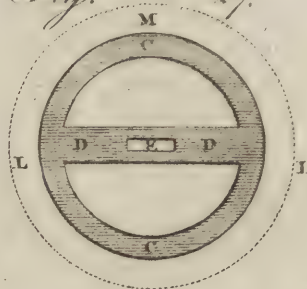


Fig. 29.



Fig. 33.



Fig. 3.4.

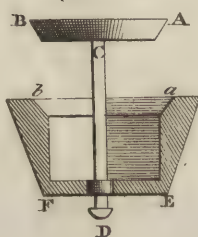


Fig. 31.

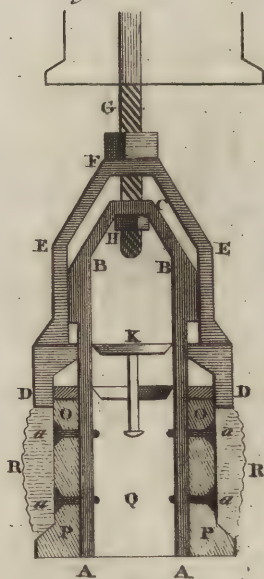


Fig. ^c 32.

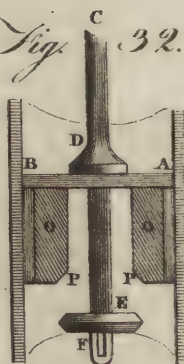


Fig. 35.

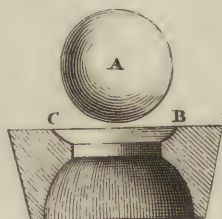


Fig. 36.

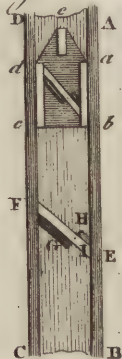
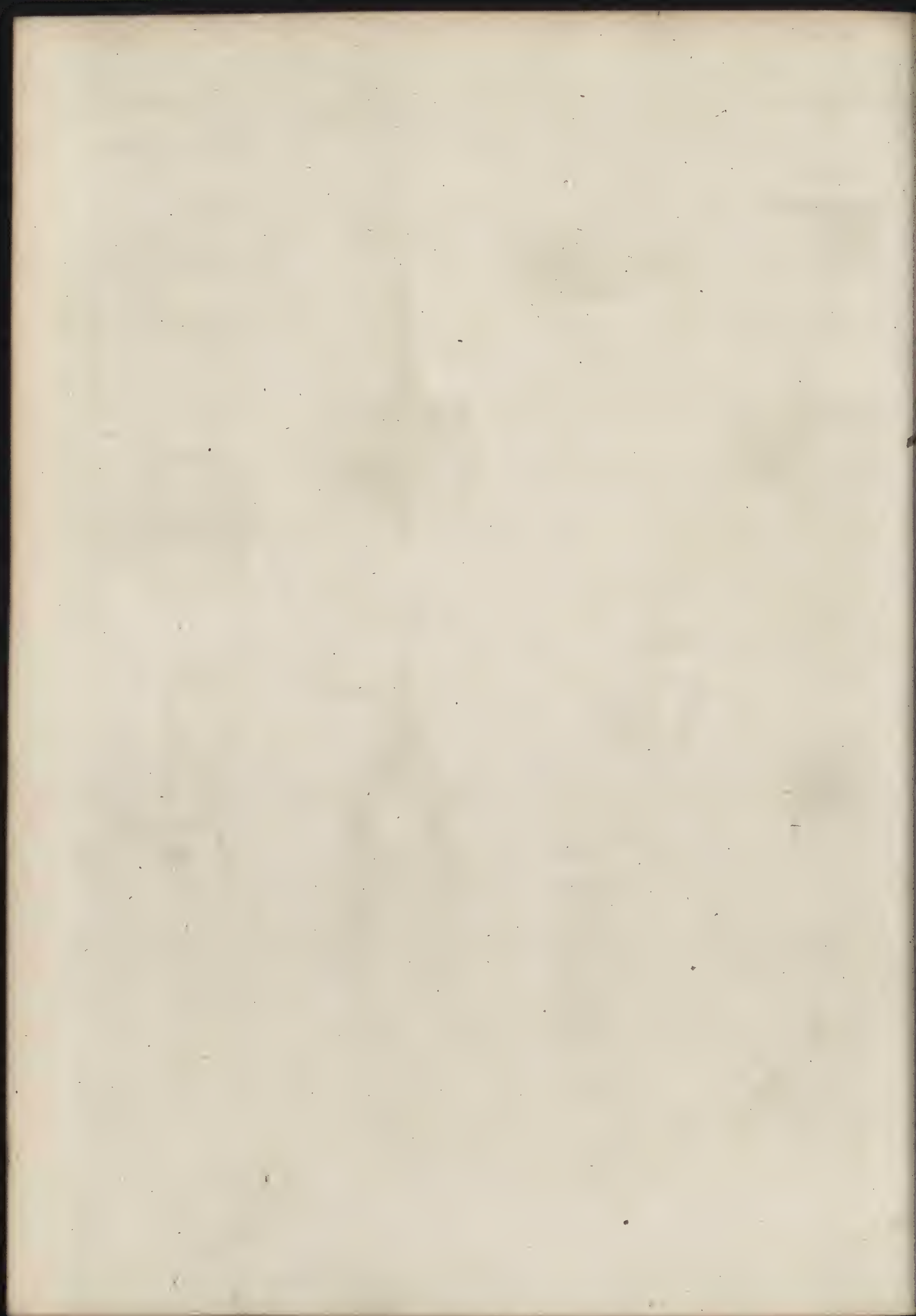


Fig. 32.





QUADRANT.

Plate CCCXXVII.

Fig. 6.
Gunnerys Quadrant.



Fig. 1.
Coles Quadrant.

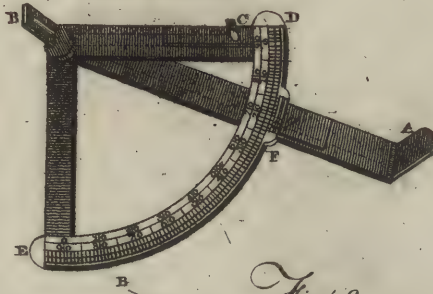


Fig. 4.
Suttons Quadrant.

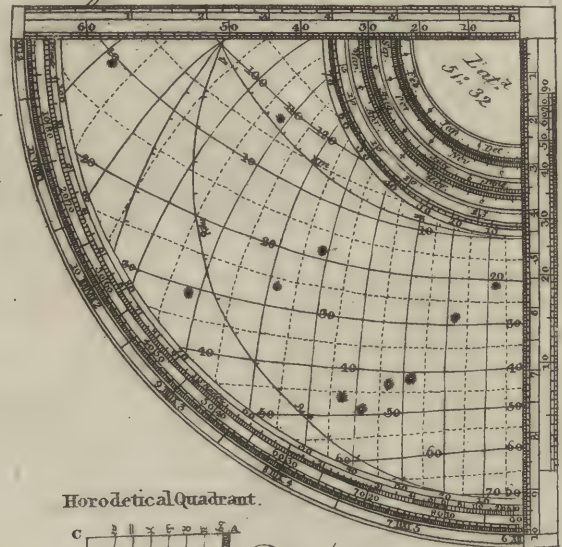
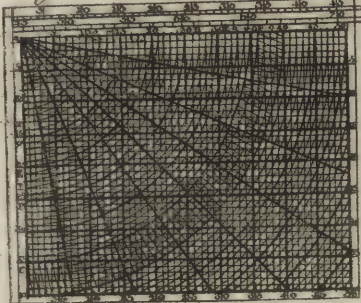


Fig. 2.
Rainbow.



Fig. 5.
Smical Quadrant.



Horodetical Quadrant.

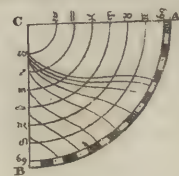
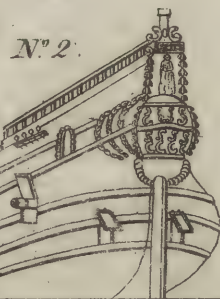
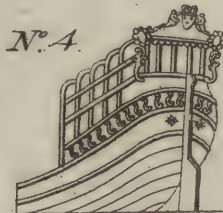
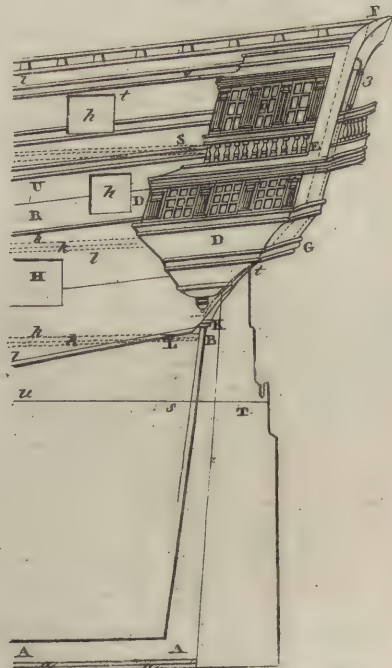


Fig. 3.

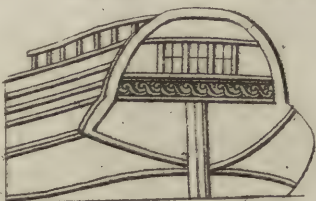
QUARTER.



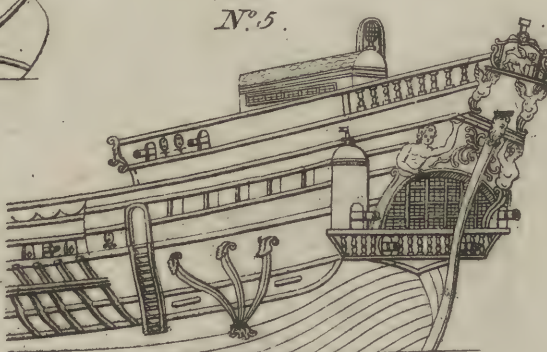
N° 1.



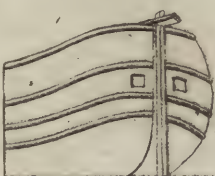
N° 3.



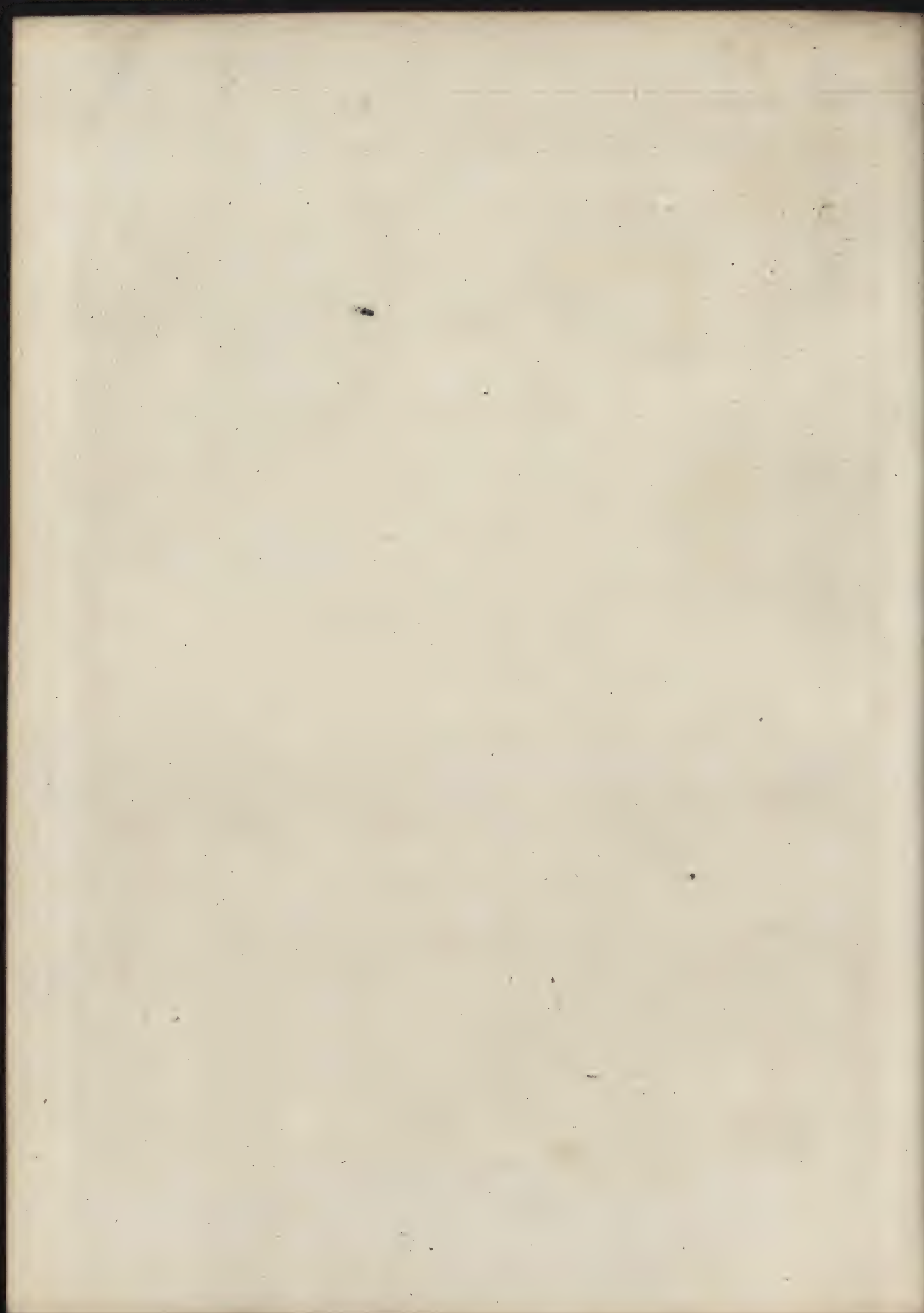
N° 5.



N° 6.



Well Prin Wall Sculptor fecit.



PYROTECHINY.

Plate CCCCXXVIII.

Fig. 1.

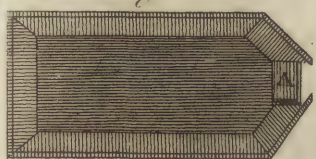


Fig. 2.



Fig. 3.



Fig. 5.

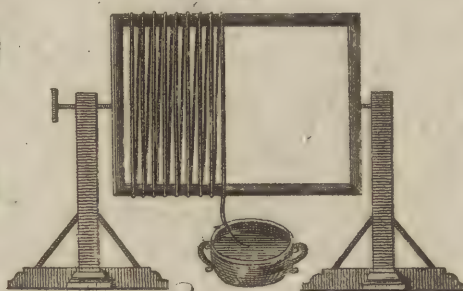


Fig. 6.

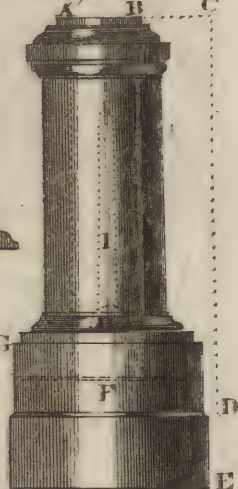


Fig. 7.



Fig. 8.



Fig. 9. Fig. 10. Fig. 11.



Fig. 12. Fig. 13.



Fig. 14.



Fig. 15.



Fig. 16.



Fig. 17.



Fig. 19.



Fig. 18.

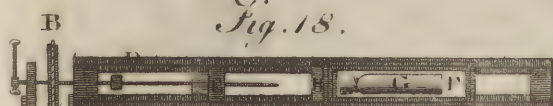


Fig. 23.

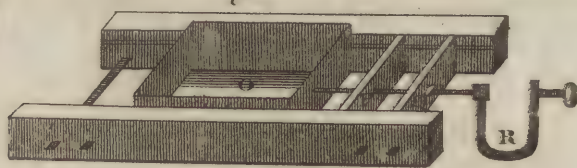


Fig. 20.

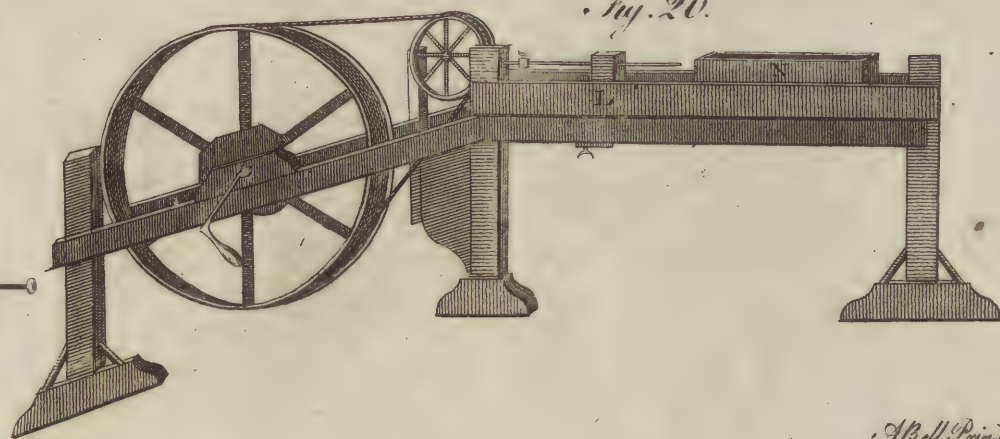


Fig. 21.



Fig. 22.



A Bell, Pinn. Wain. Sculptor fecit.



PYROTECHNY.

Plate CCCCXXX.

Fig. 1.



Fig. 2.



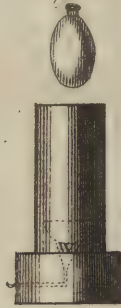
Fig. 3.



Fig. 4.



Fig. 5.



2^d Fig. 9.

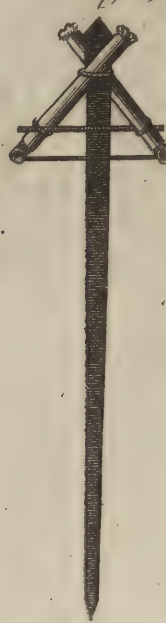


Fig. 10.



Fig. 8.

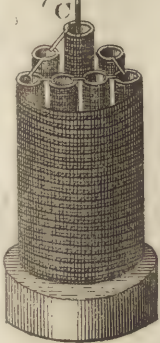


Fig. 7.

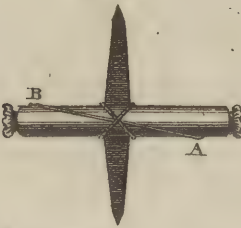


Fig. 6.

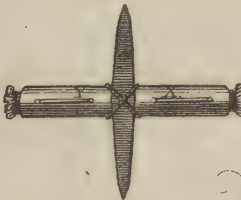


Fig. 9.

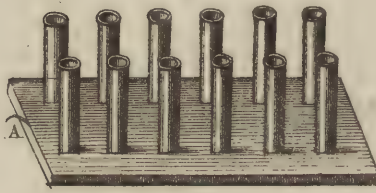


Fig. 11.



Fig. 12.



Fig. 14.

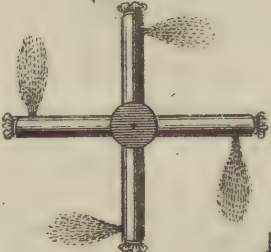


Fig. 13.

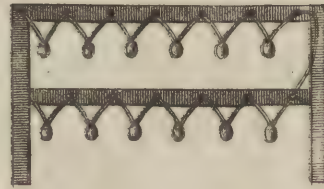


Fig. 18.



Fig. 15.

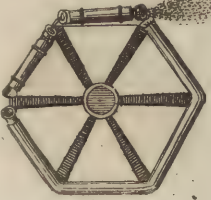


Fig. 16.

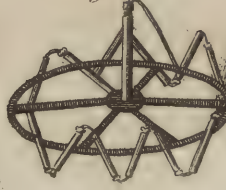
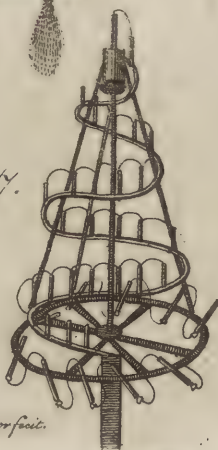


Fig. 17.



At Bell Print. Wal. Sculptor fecit.

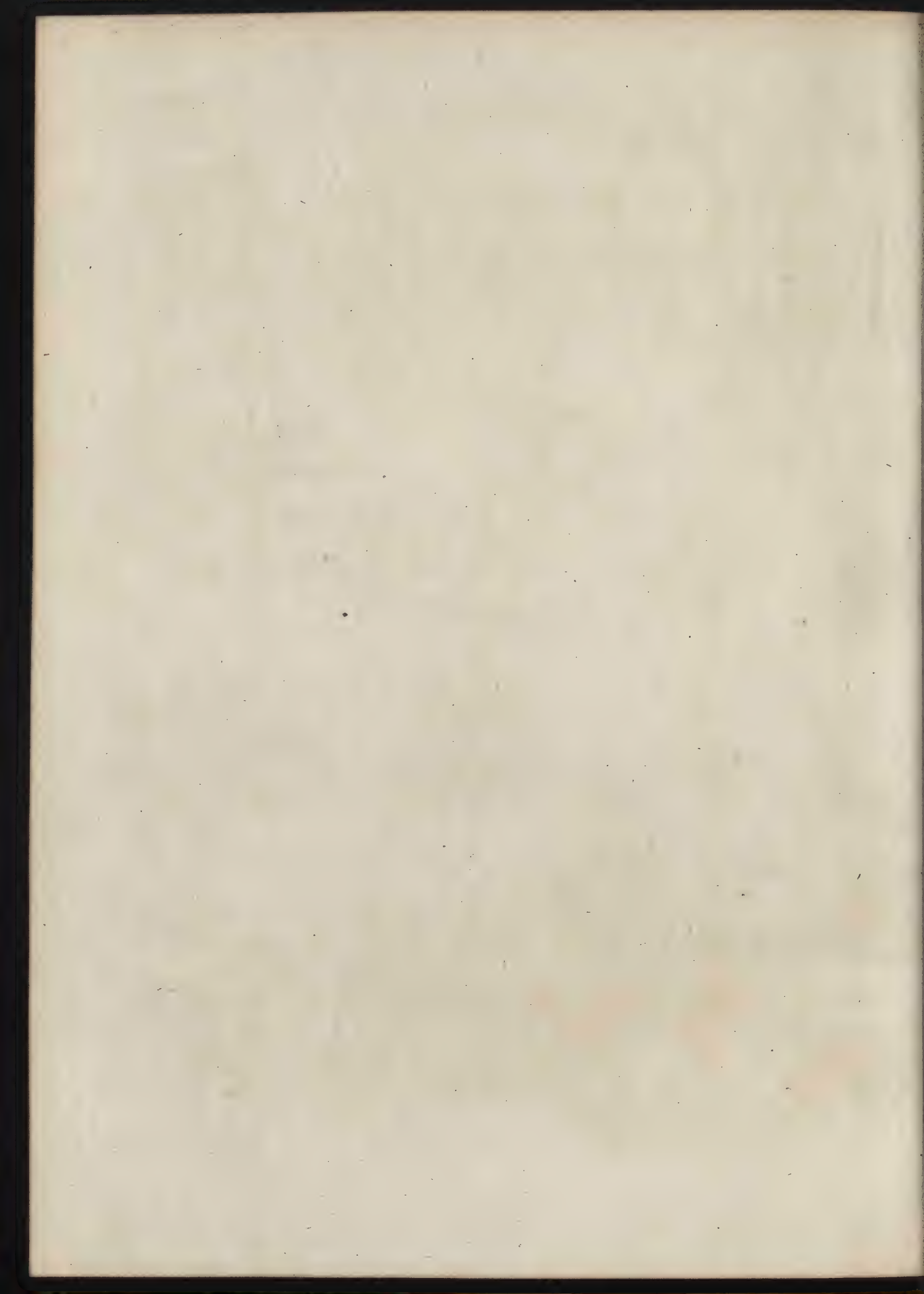


Fig. 1.

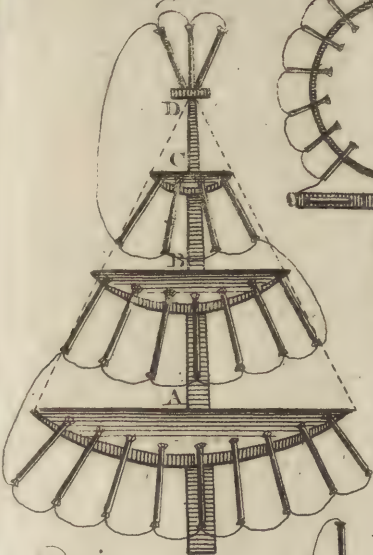


Fig. 4.

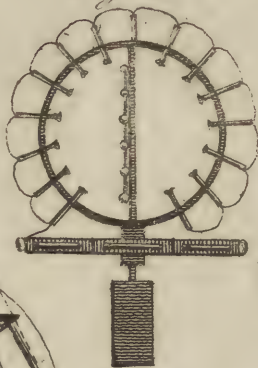


Fig. 6.

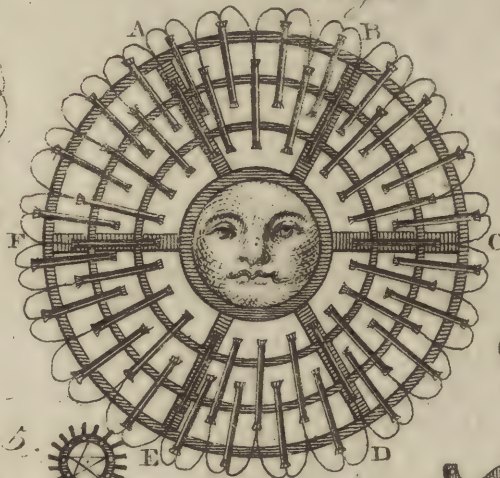


Fig. 7.



Fig. 5.

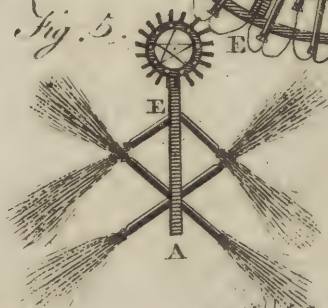


Fig. 8.

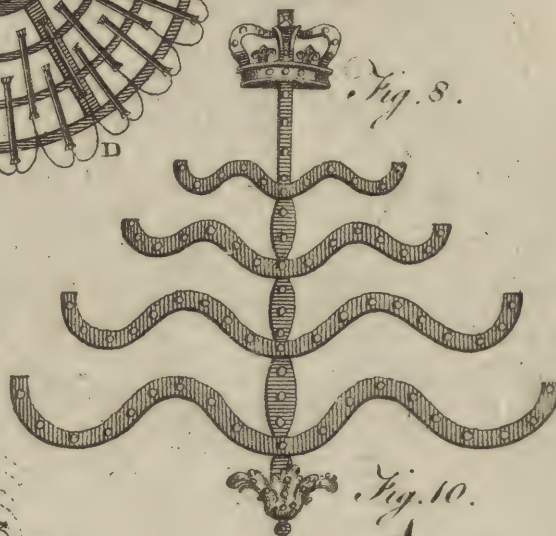


Fig. 2.

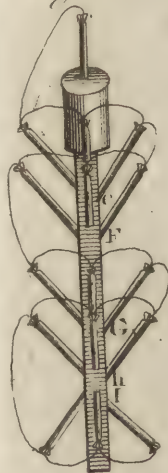


Fig. 3.

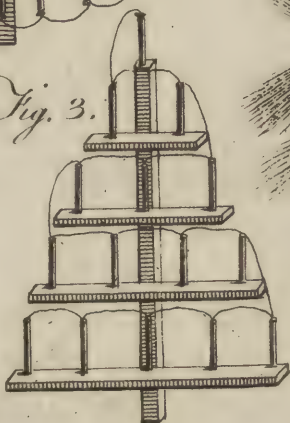


Fig. 9.



Fig. 10.

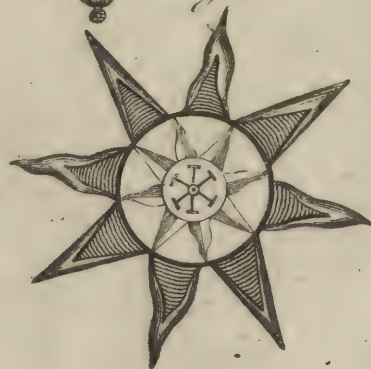
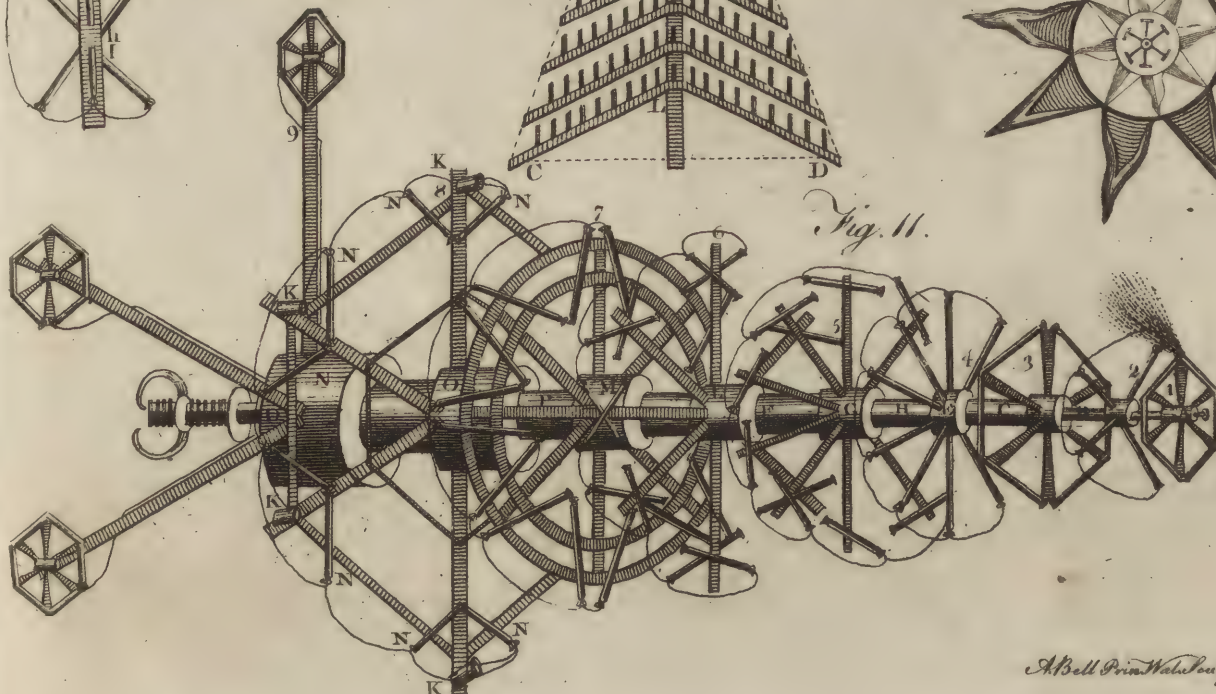
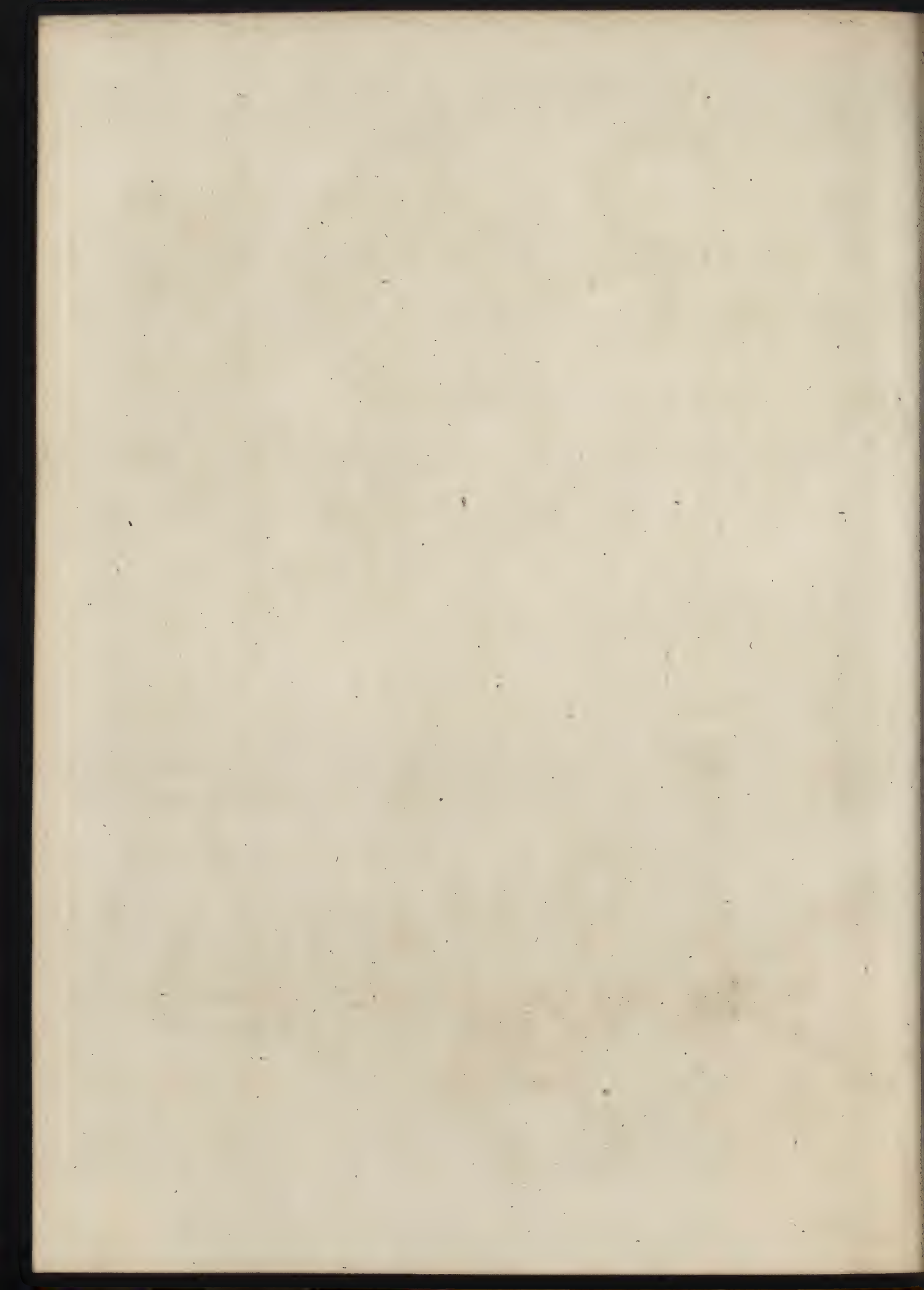


Fig. 11.





PYROTECHNY.

Plate CCCCXXXI.

Fig. 1.



Fig. 4.

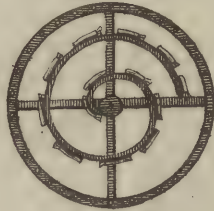


Fig. 6.

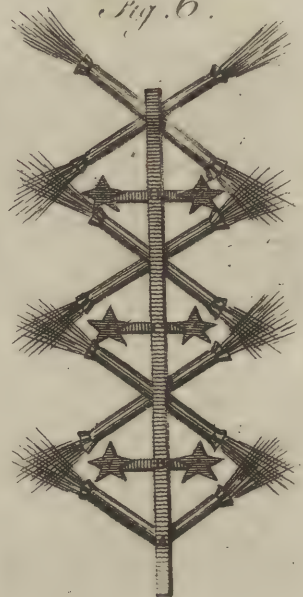


Fig. 2.



Fig. 3.

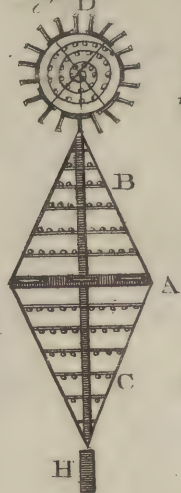


Fig. 5.

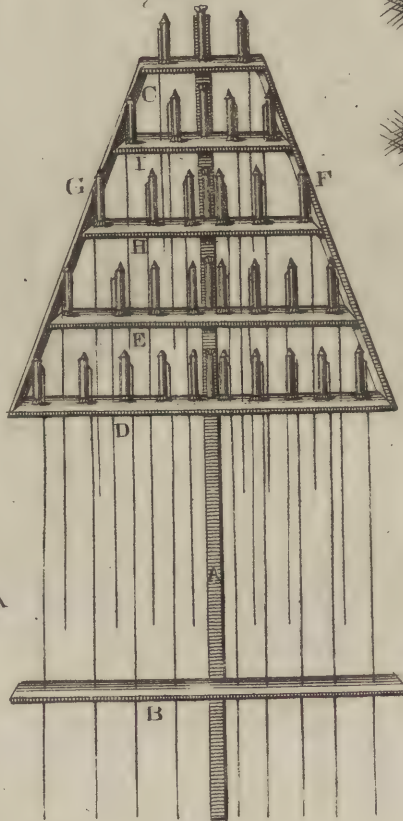


Fig. 7.

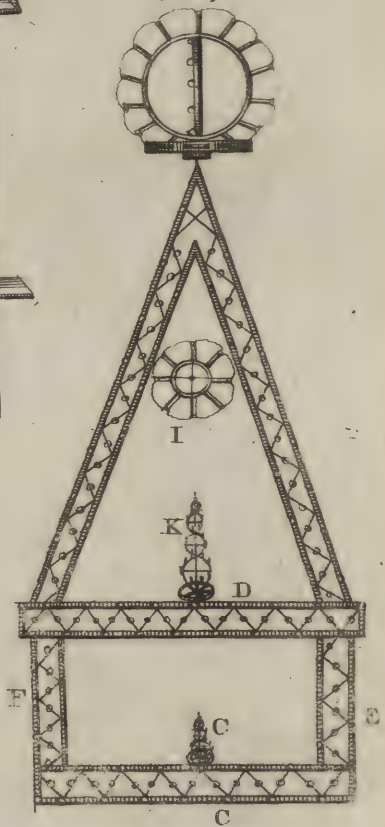


Fig. 8.

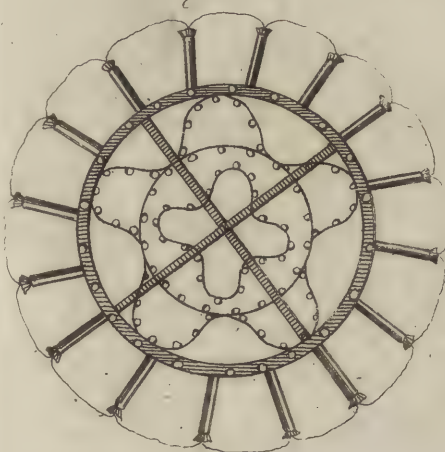


Fig. 9.



A Bell Print. W. A. Sculptor fecit.

Fig. 1.

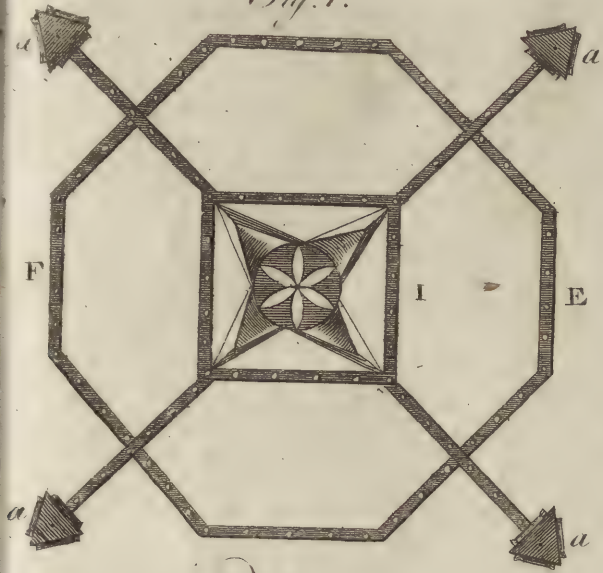


Fig. 3.

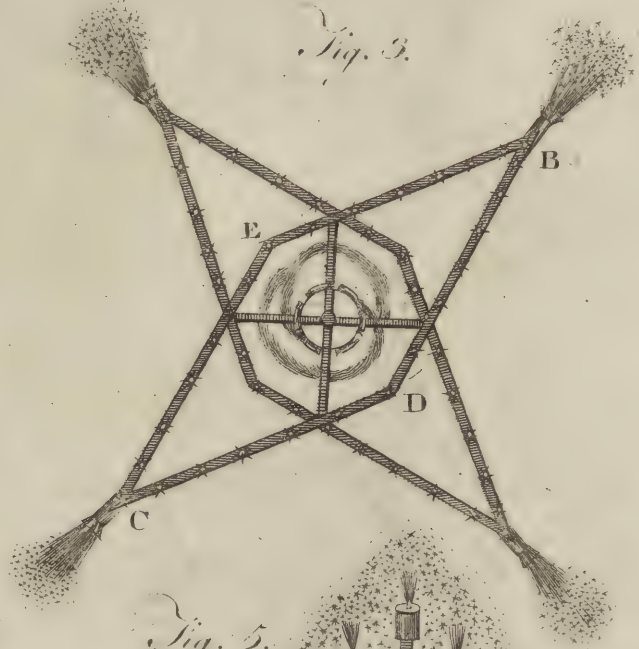


Fig. 2.

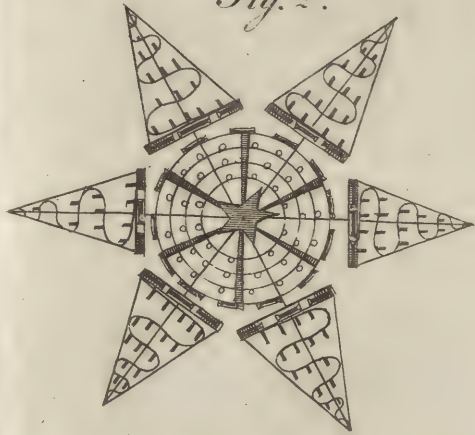


Fig. 6.

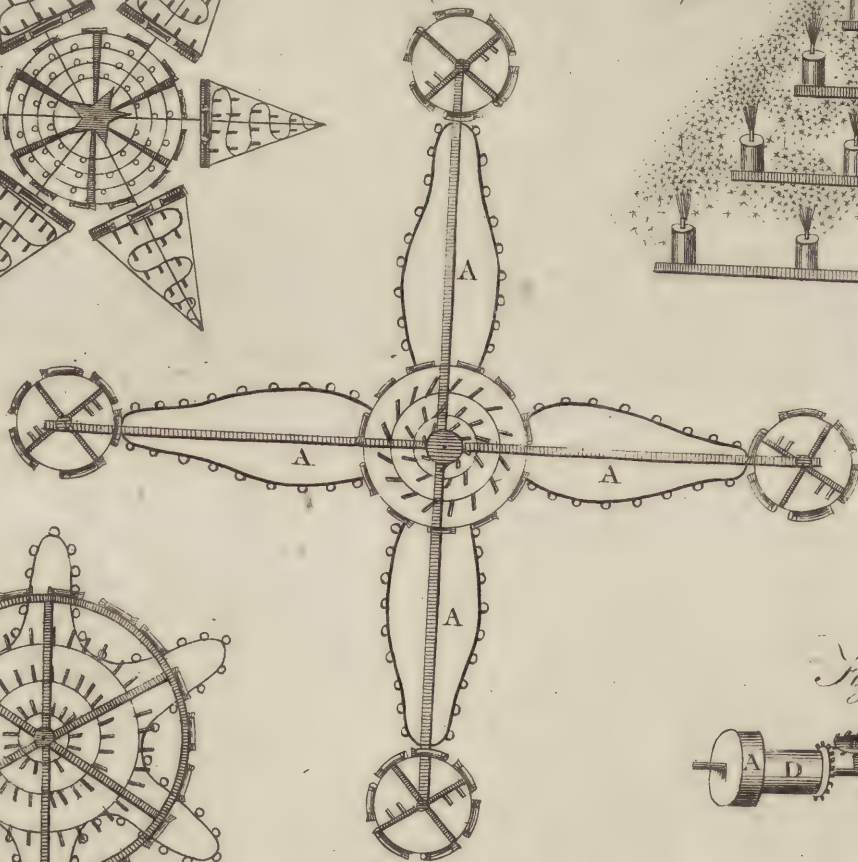


Fig. 5.

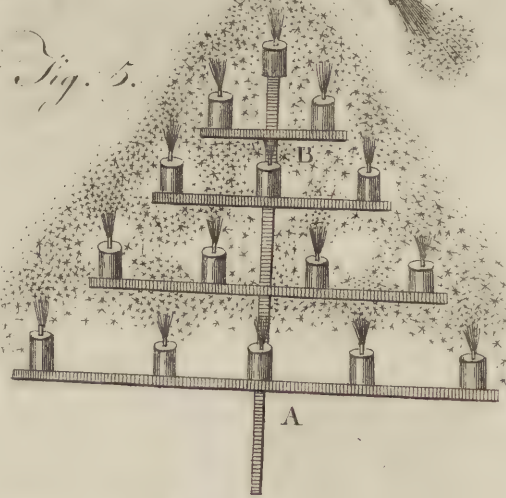


Fig. 4.

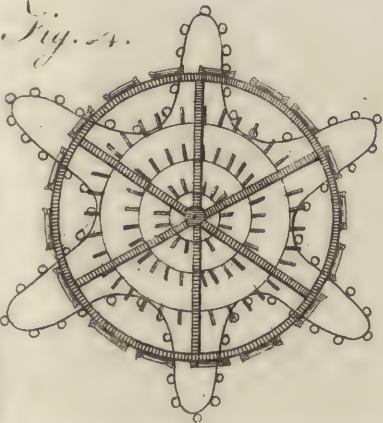
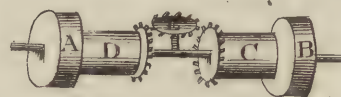
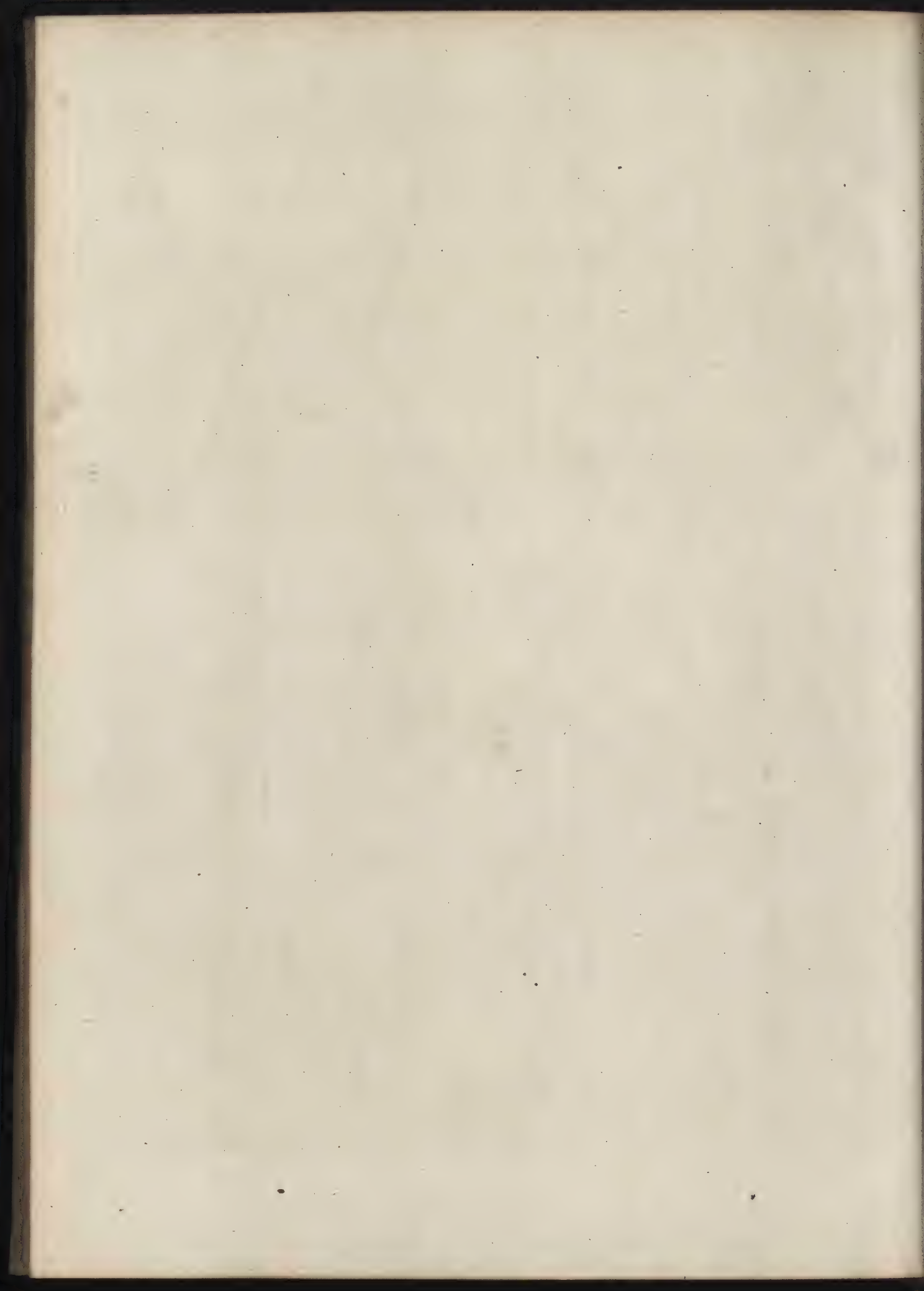


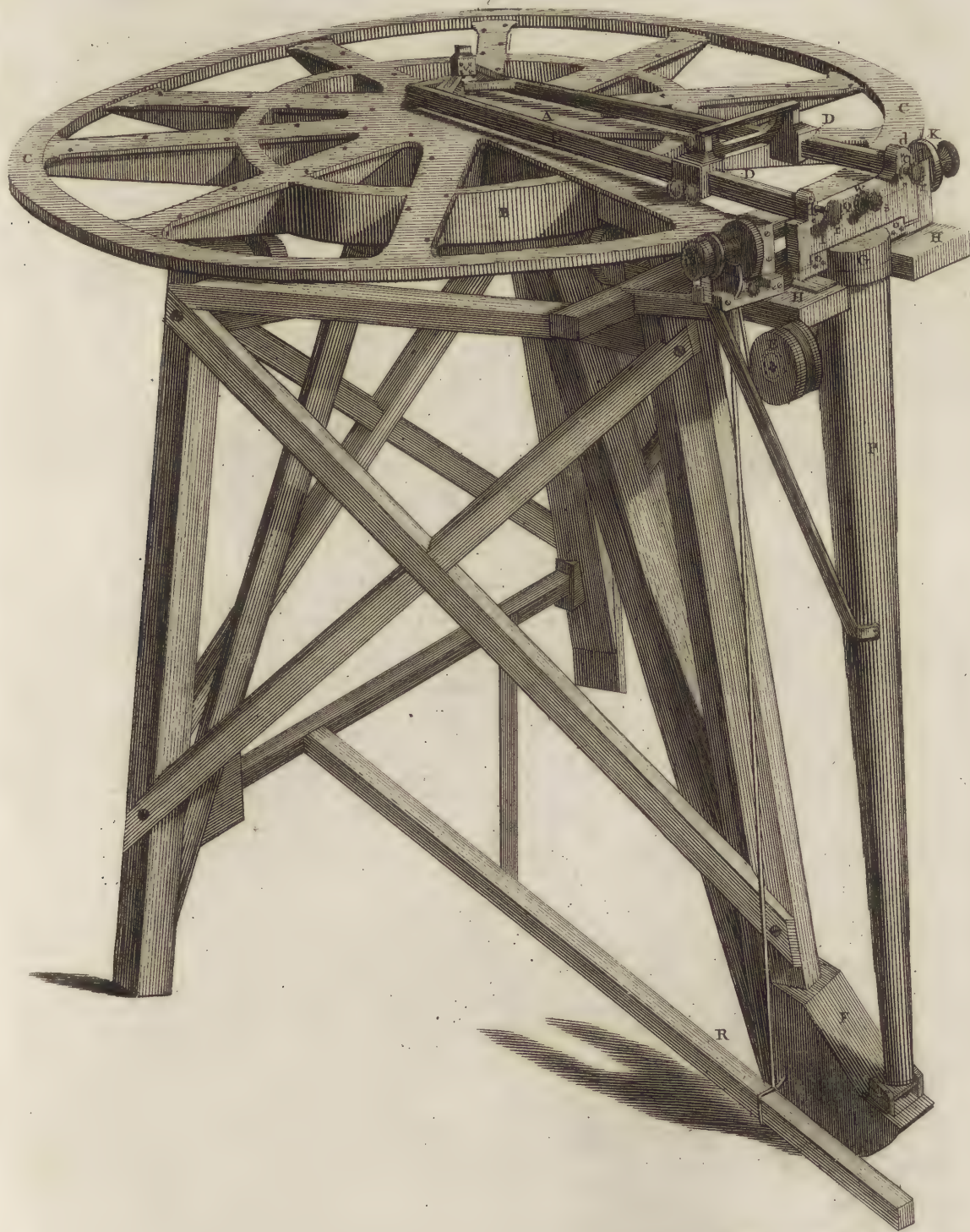
Fig. 7.





RAMSDENS Machine
for dividing Mathematical Instruments.
Fig. 1.

Plate CCC CXXXIII.



J. Bell Pin. Vul. Sculptor fecit.



RAMSDEN'S *Engine.*

Plate CCCC XXXIV.

Fig. 2.

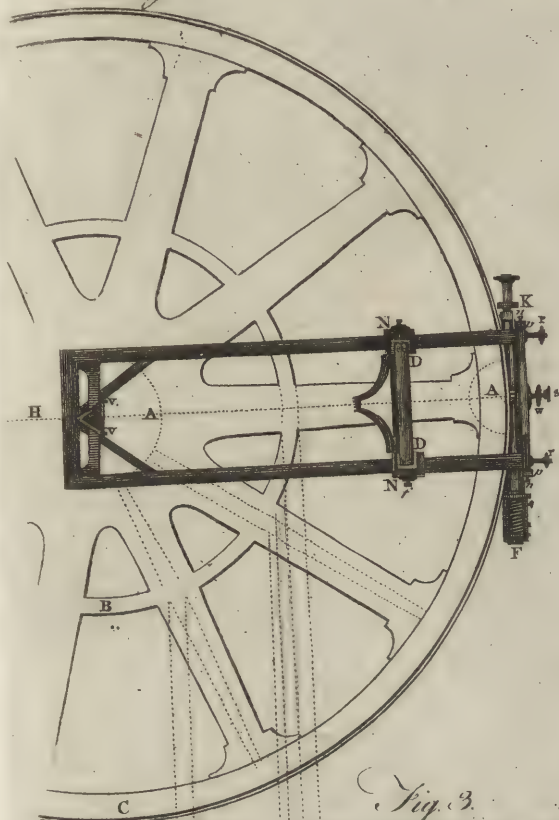


Fig. 3.

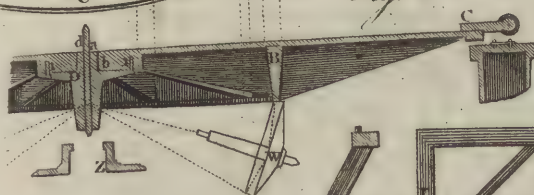


Fig. 7.

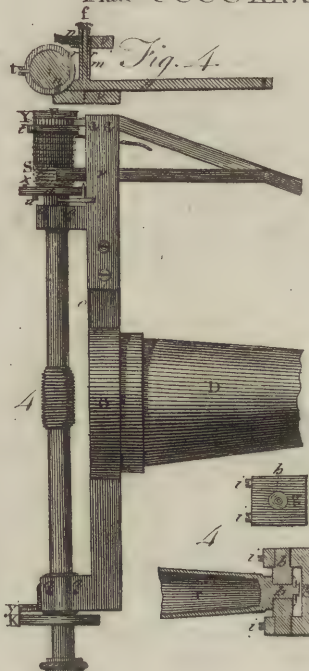
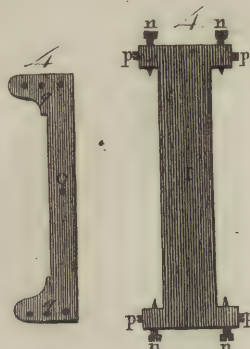


Fig. 5.

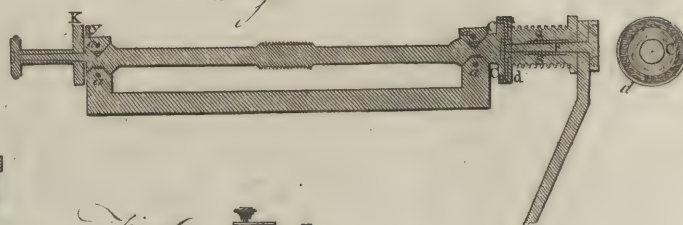


Fig. 6.

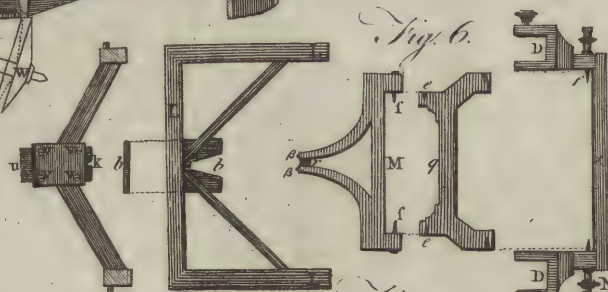


Fig. 9.

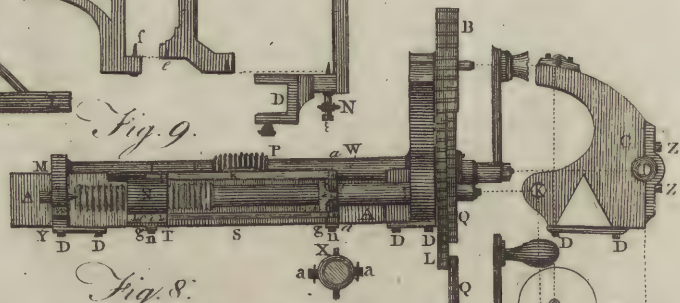
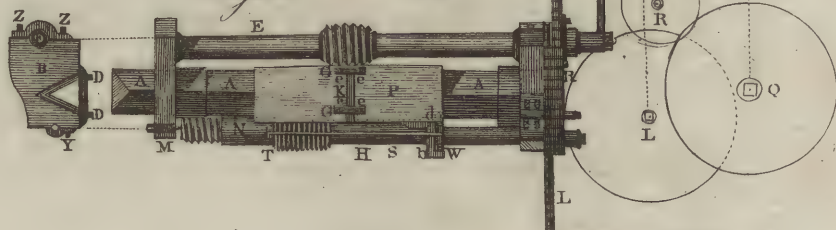
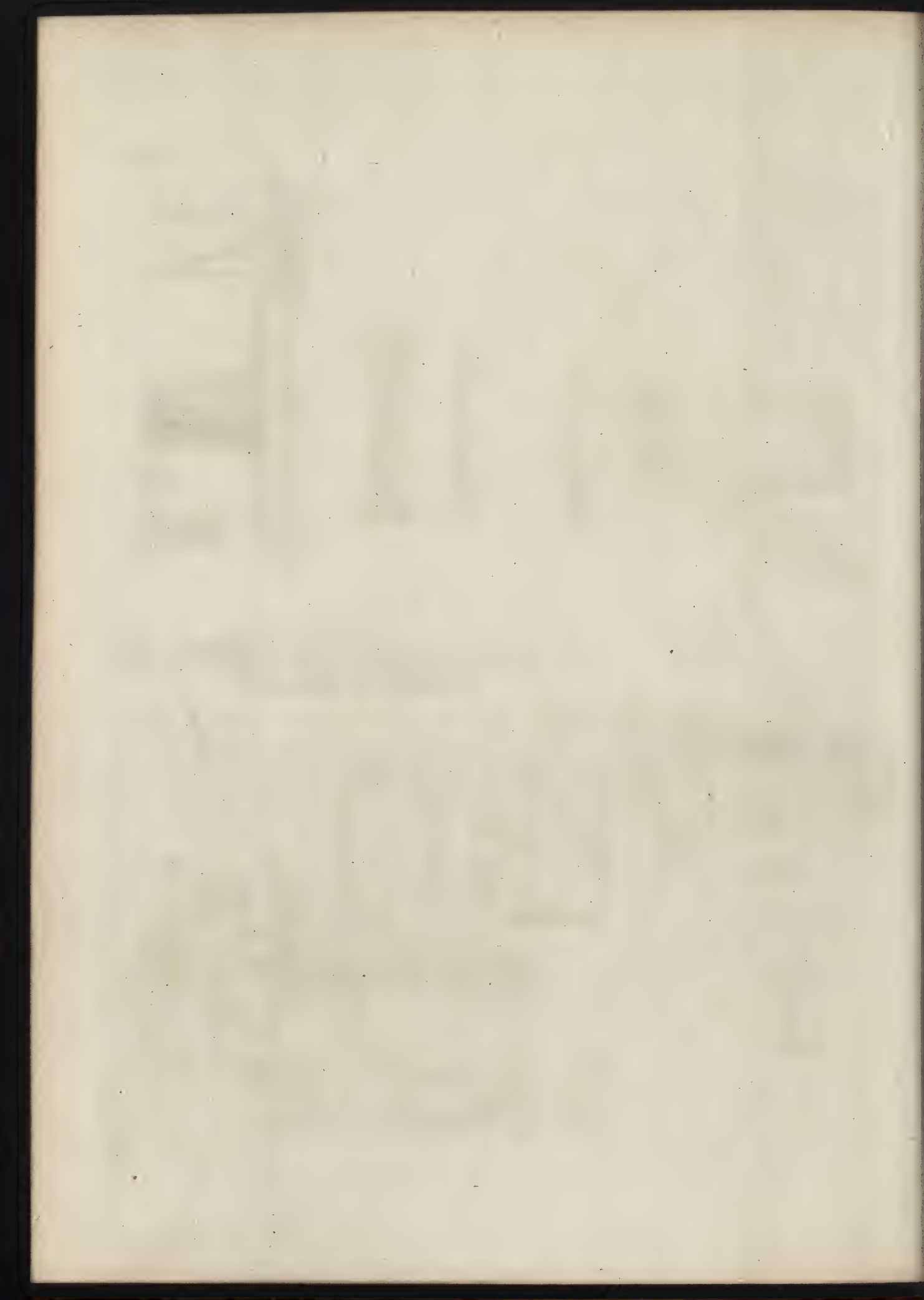


Fig. 8.



A. Bell, Paris, Nat. & Antiqu. Inst.



Recurvirostra Americana.



Raphidia.



Ribbon Loom.



Reduction.

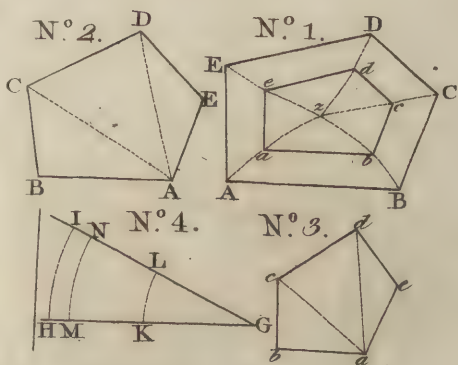




Fig. 1. N^o 1.

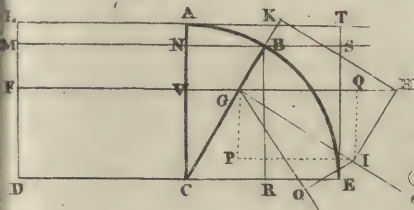


Fig. 2. N^o 2.

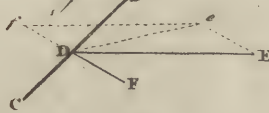


Fig. 3.

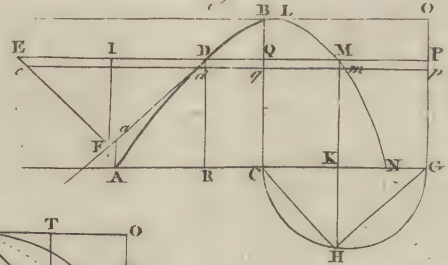


Fig. 4.

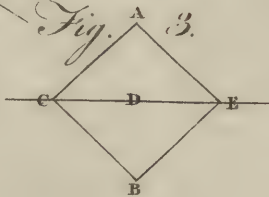


Fig. 5.

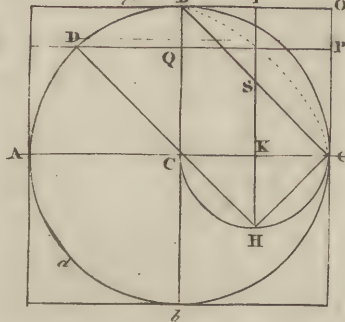


Fig. 6.

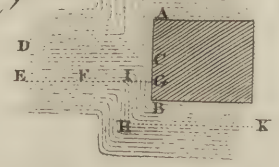


Fig. 7.

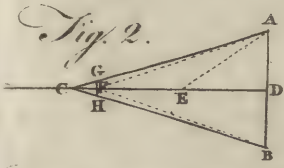


Fig. 8.



Fig. 9.

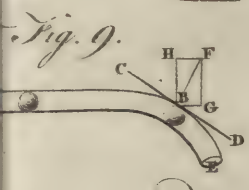


Fig. 10.



Fig. 11.

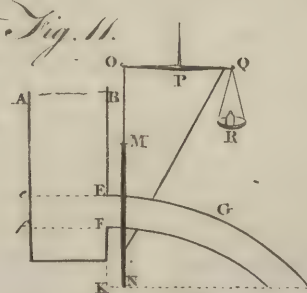


Fig. 12.

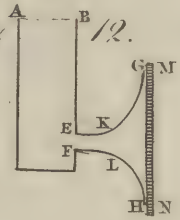


Fig. 13. N^o 1.

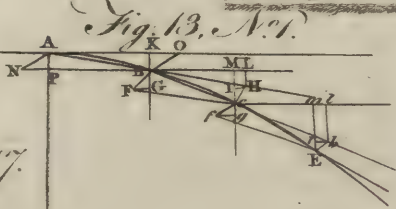


Fig. 14.

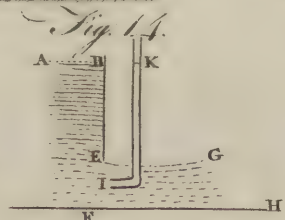


Fig. 17.

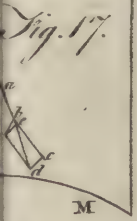


Fig. 13. N^o 2.



Fig. 22.



Fig. 20. Fig. 21.

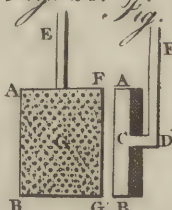


Fig. 24.

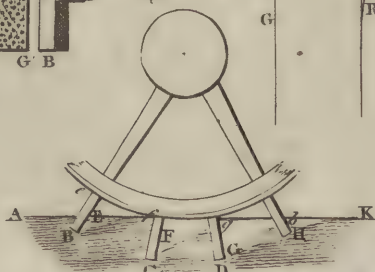


Fig. 16.

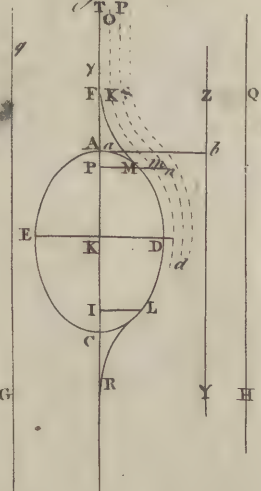


Fig. 18.

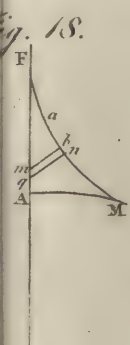


Fig. 19.

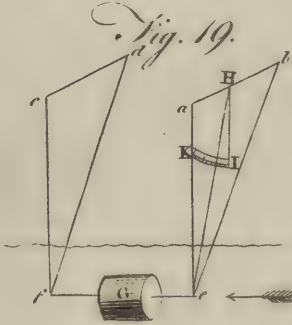
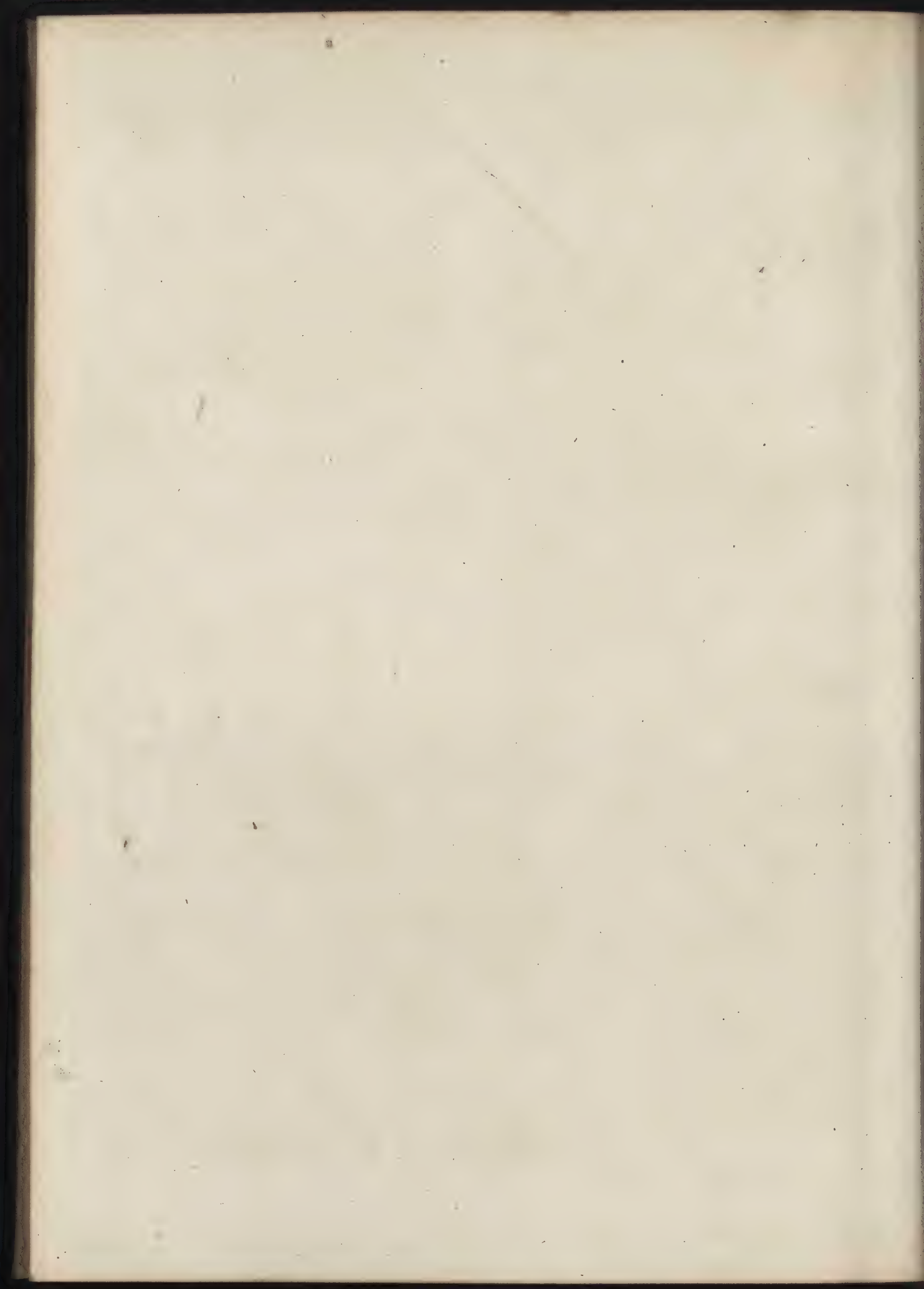


Fig. 23.

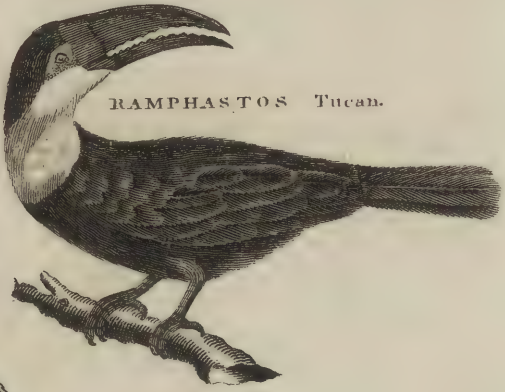




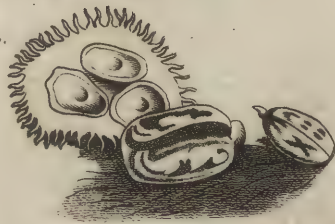
Ricinus Americanus.



RAMPHASTOS Tucan.



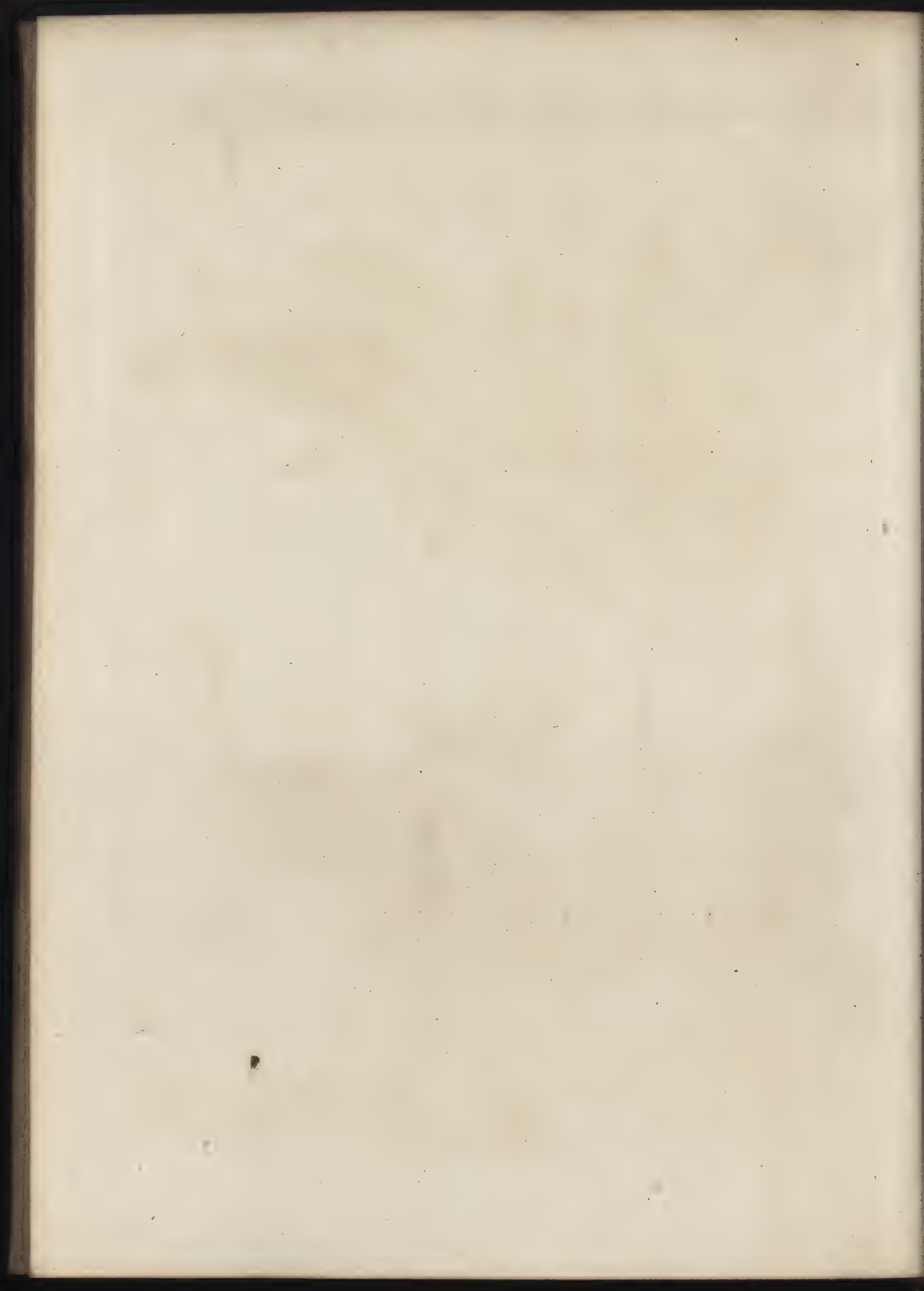
Ricinus Communis.



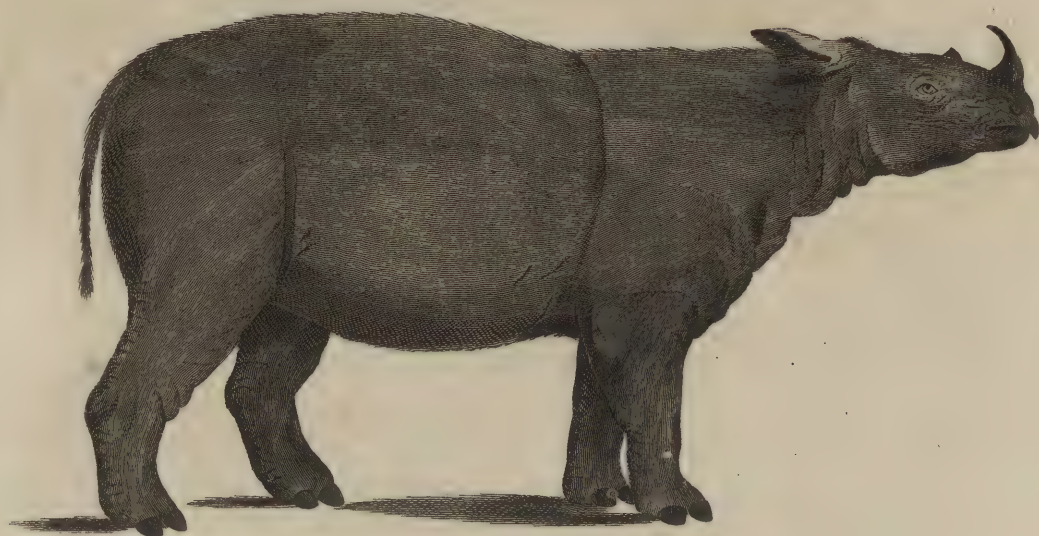
RHEA
Americana.



A. Bell. Pin. W. & S. sculptor fecit.



Rhinoceros Bicornis.



Unicornis.



A. Bell Pinx. H. H. Sculpsit.

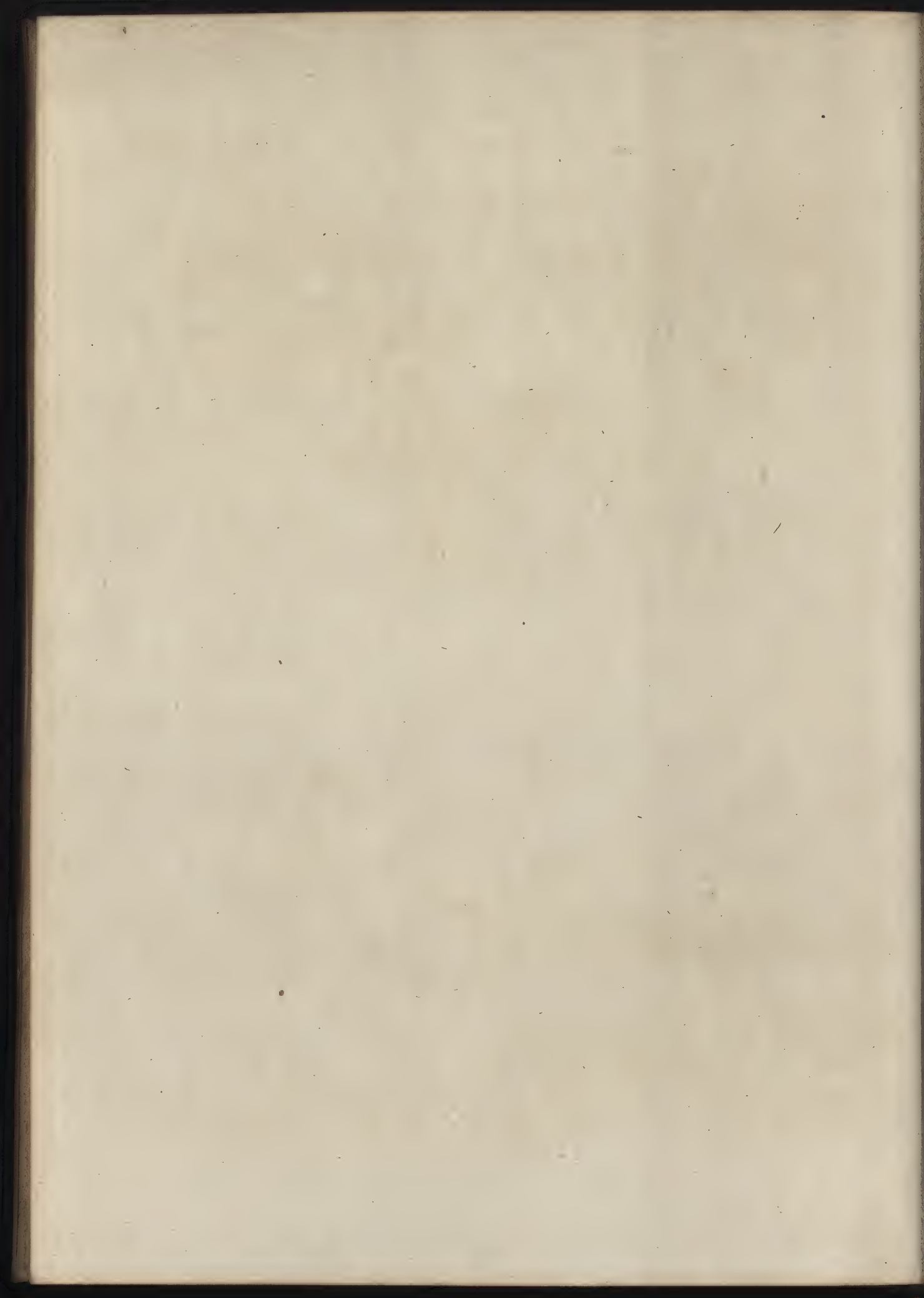


Fig. 2.



Fig. 3.

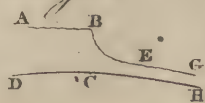


Fig. 4.



Fig. 6.

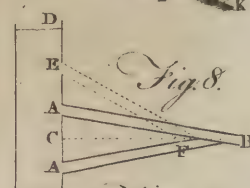
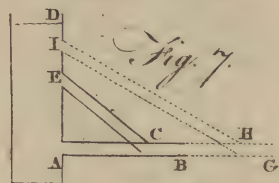
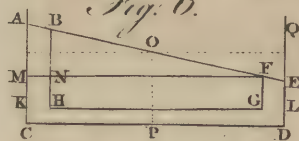


Fig. 9.

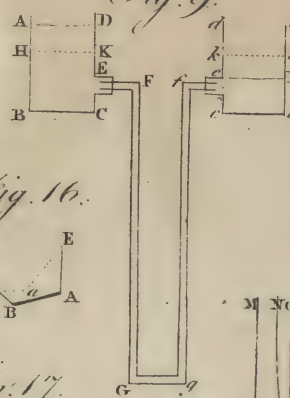


Fig. 10.



Fig. 11.



Fig. 12.



Fig. 16.



Fig. 17.

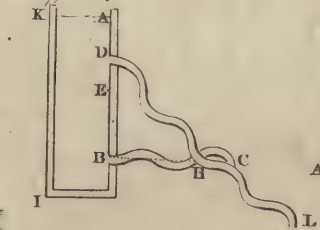


Fig. 10. N^o 2.

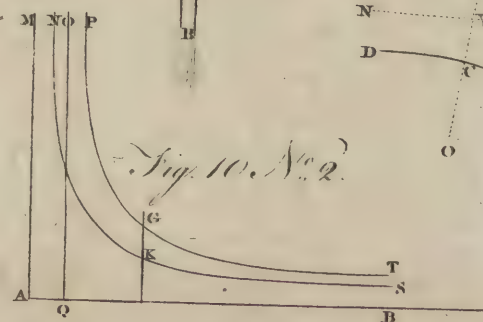


Fig. 15.

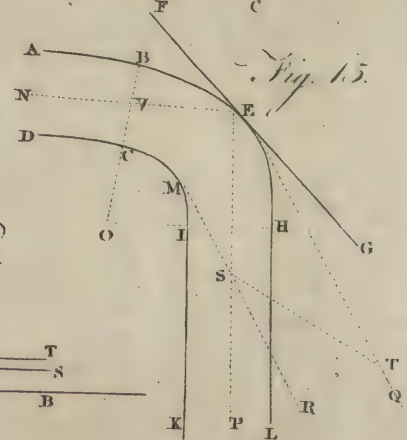


Fig. 18. N^o 2.



Fig. 13.

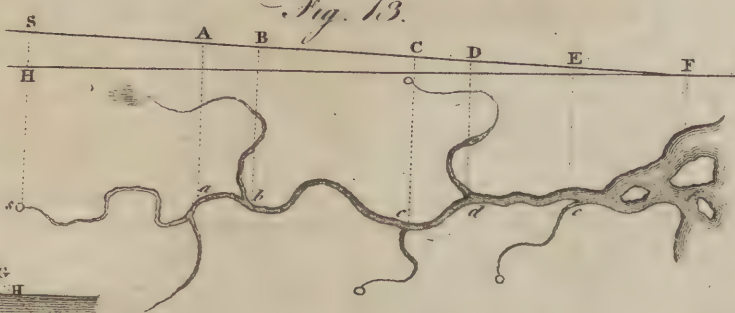


Fig. 14.



Fig. 19.

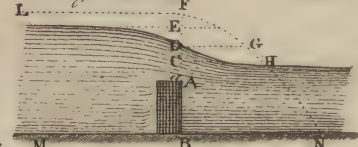


Fig. 20.



Fig. 21.

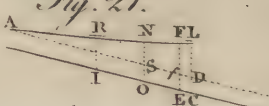
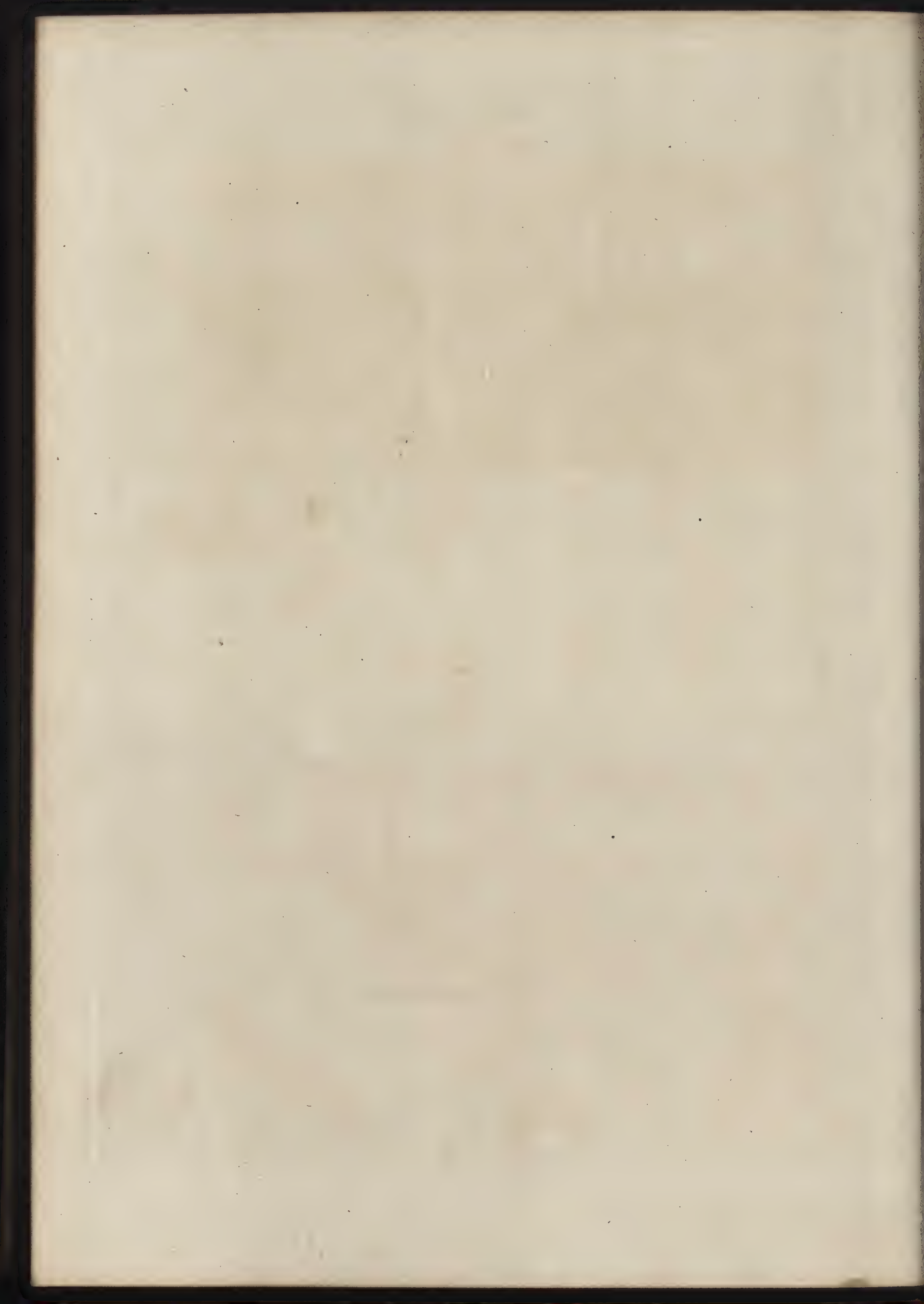


Fig. H.

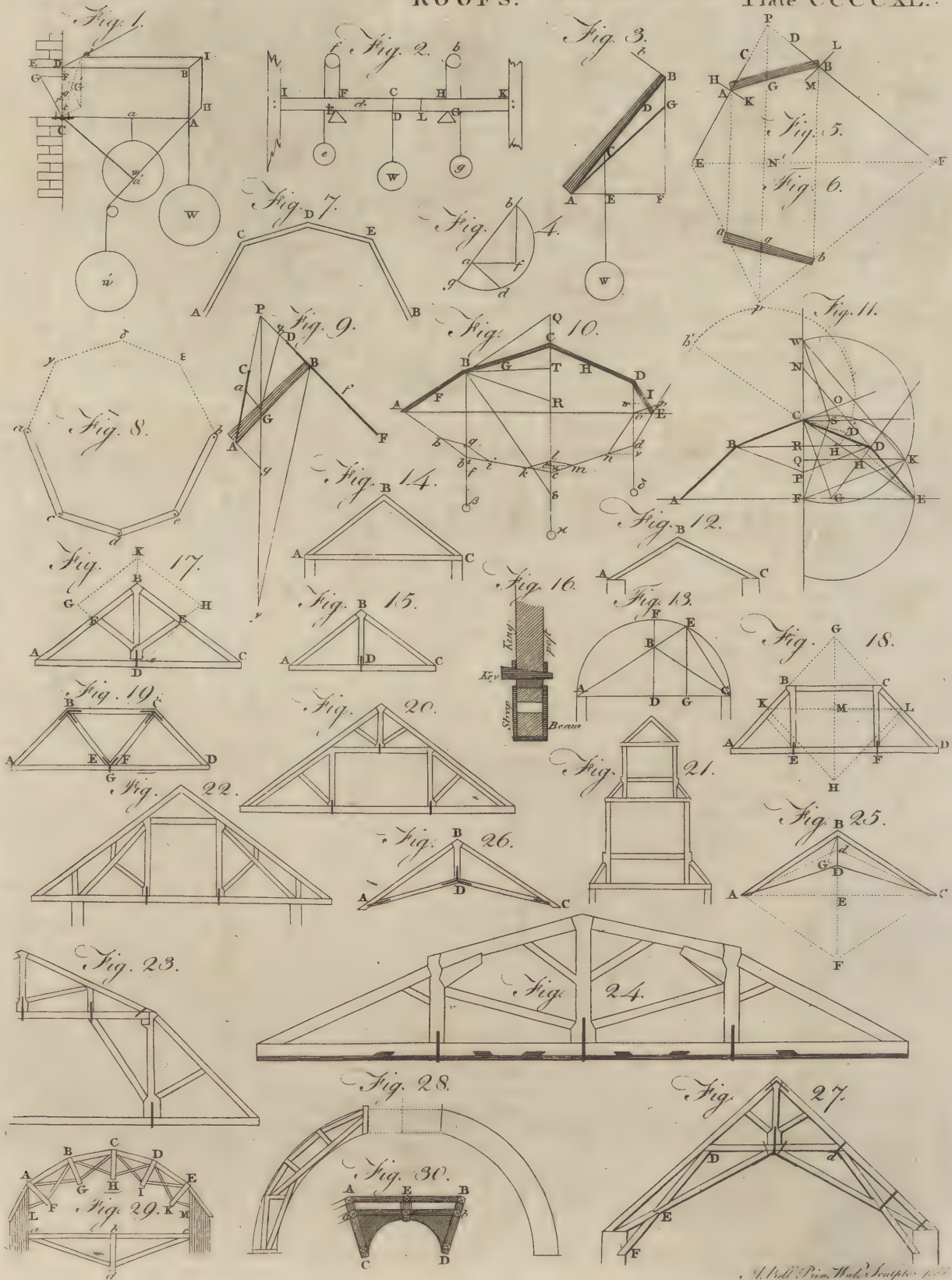


A. Bell Pin. Wat. Sculptor & print.



ROOFS.

Plate CCCCXL.



A. Hall, Print. & Sculptor.

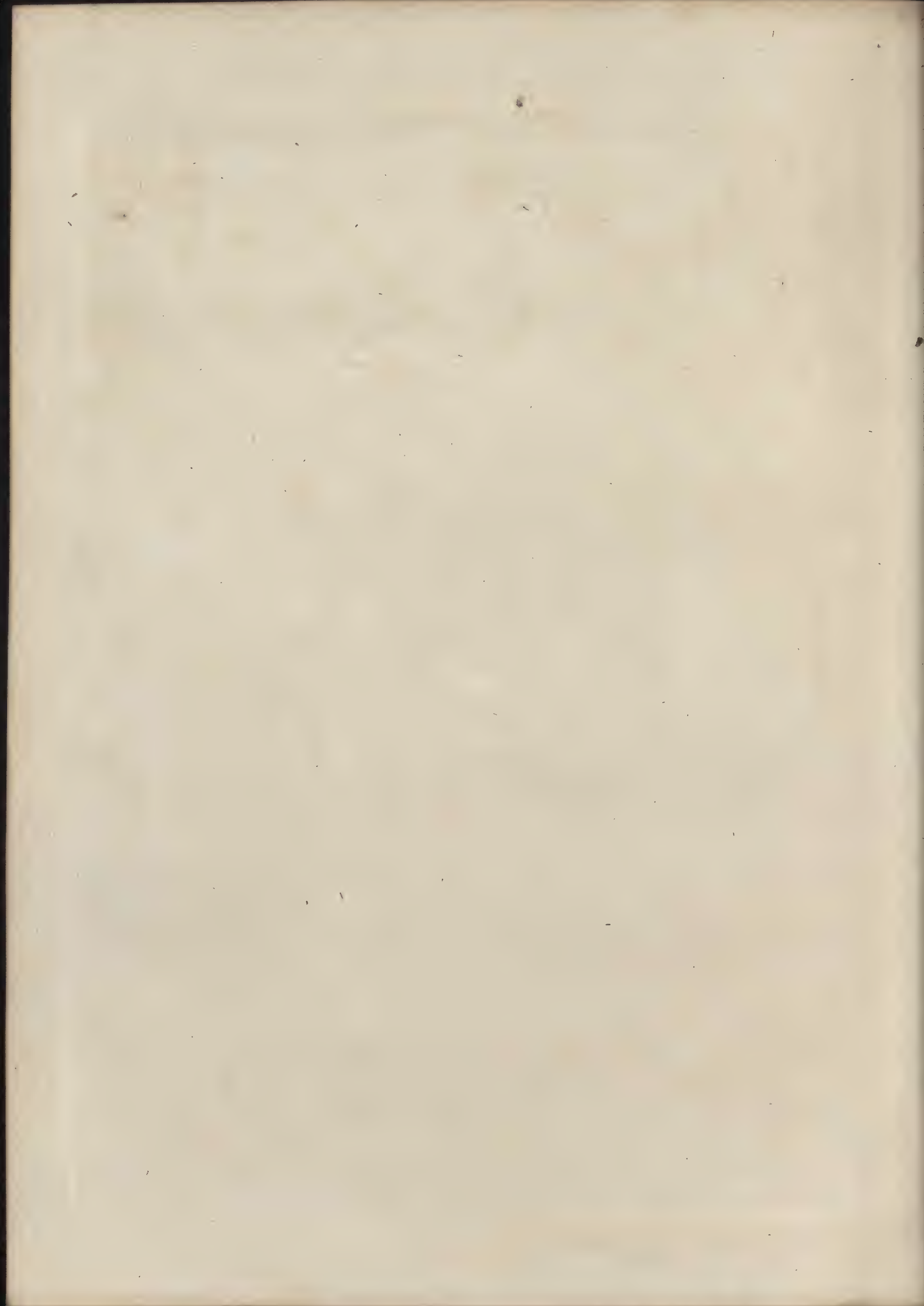


Fig. 1.



Fig. 2.



Fig. 3.



Fig. 4.



Fig. 5.

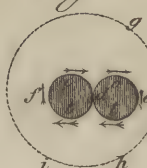


Fig. 7. ^{Top}

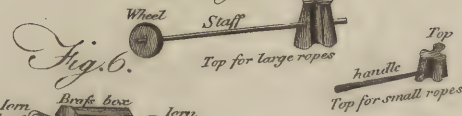


Fig. 6.



Fig. 14.
D

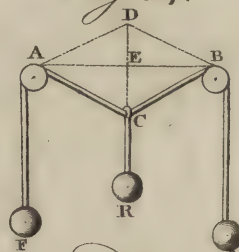


Fig. 15.

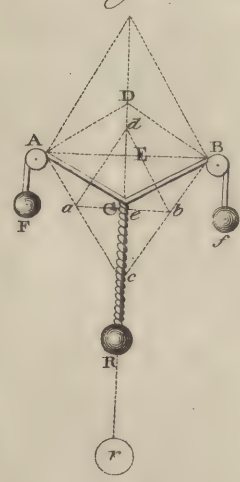


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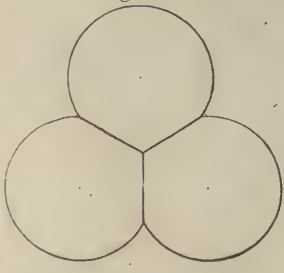


Fig. 12.

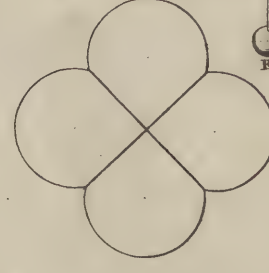


Fig. 8.

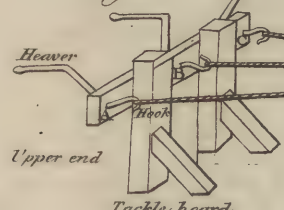


Fig. 10.

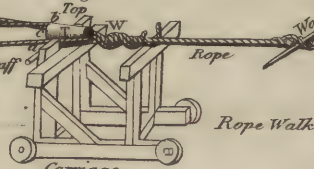
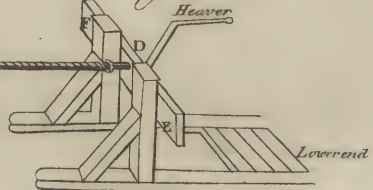


Fig. 9.

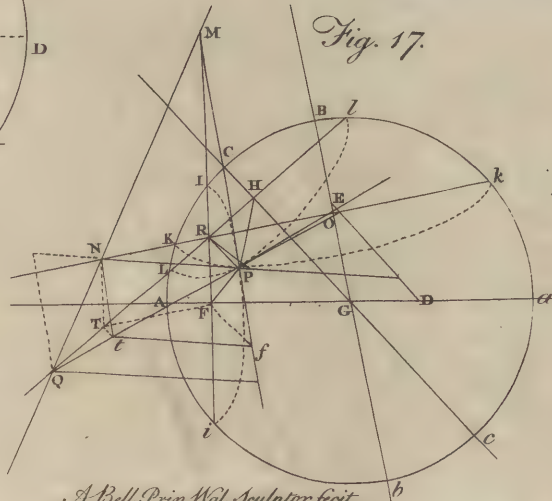
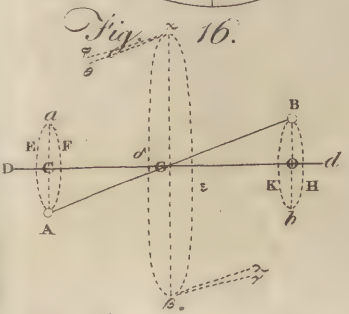
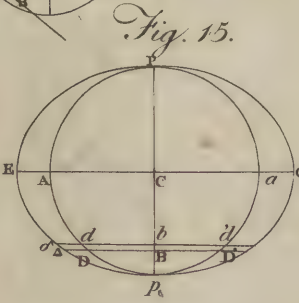
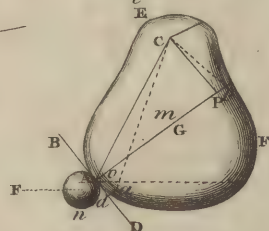
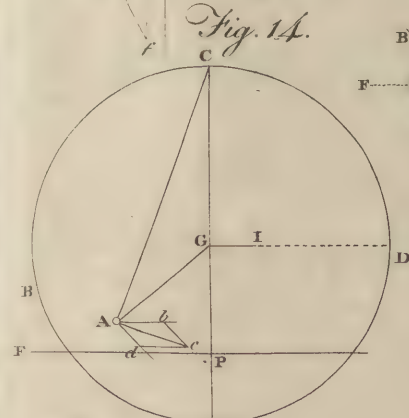
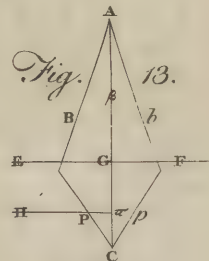
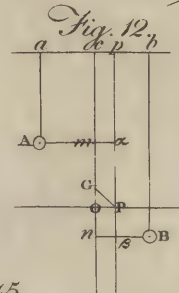
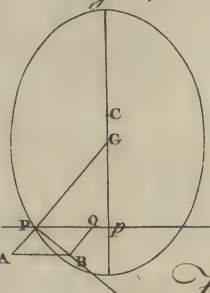
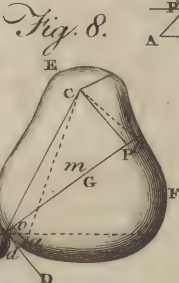
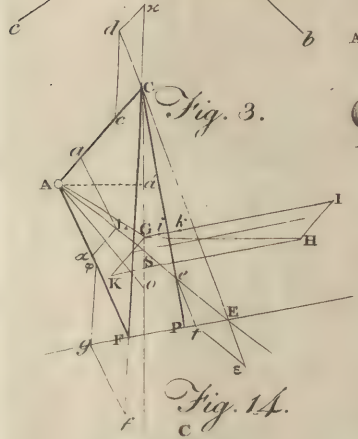
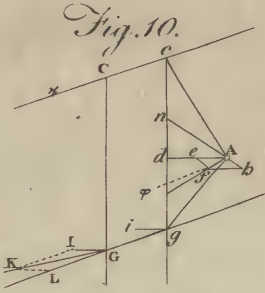
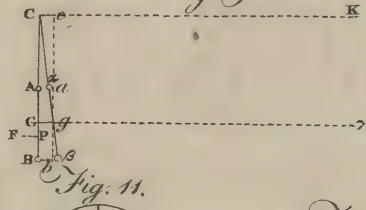
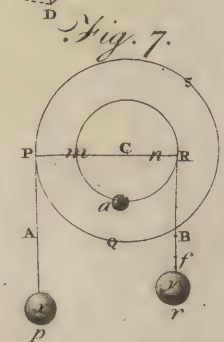
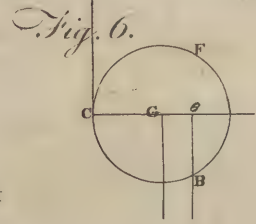
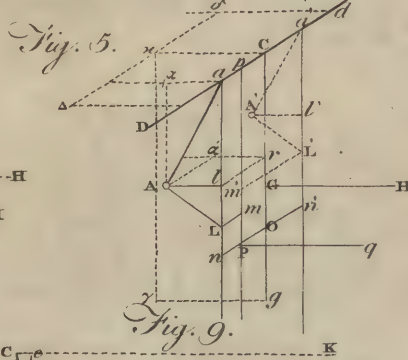
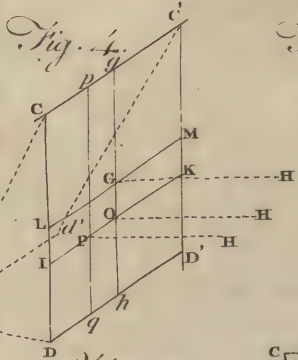
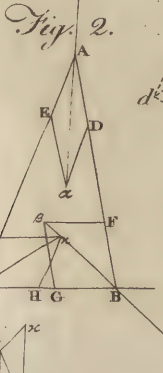
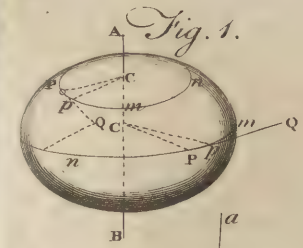


Sledge
A. Bell Prin. Wal. Sculptor fecit.

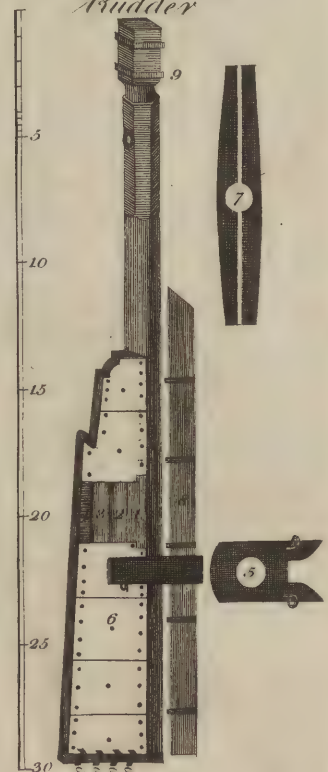


ROTATION.

Plate CCCCXLII.

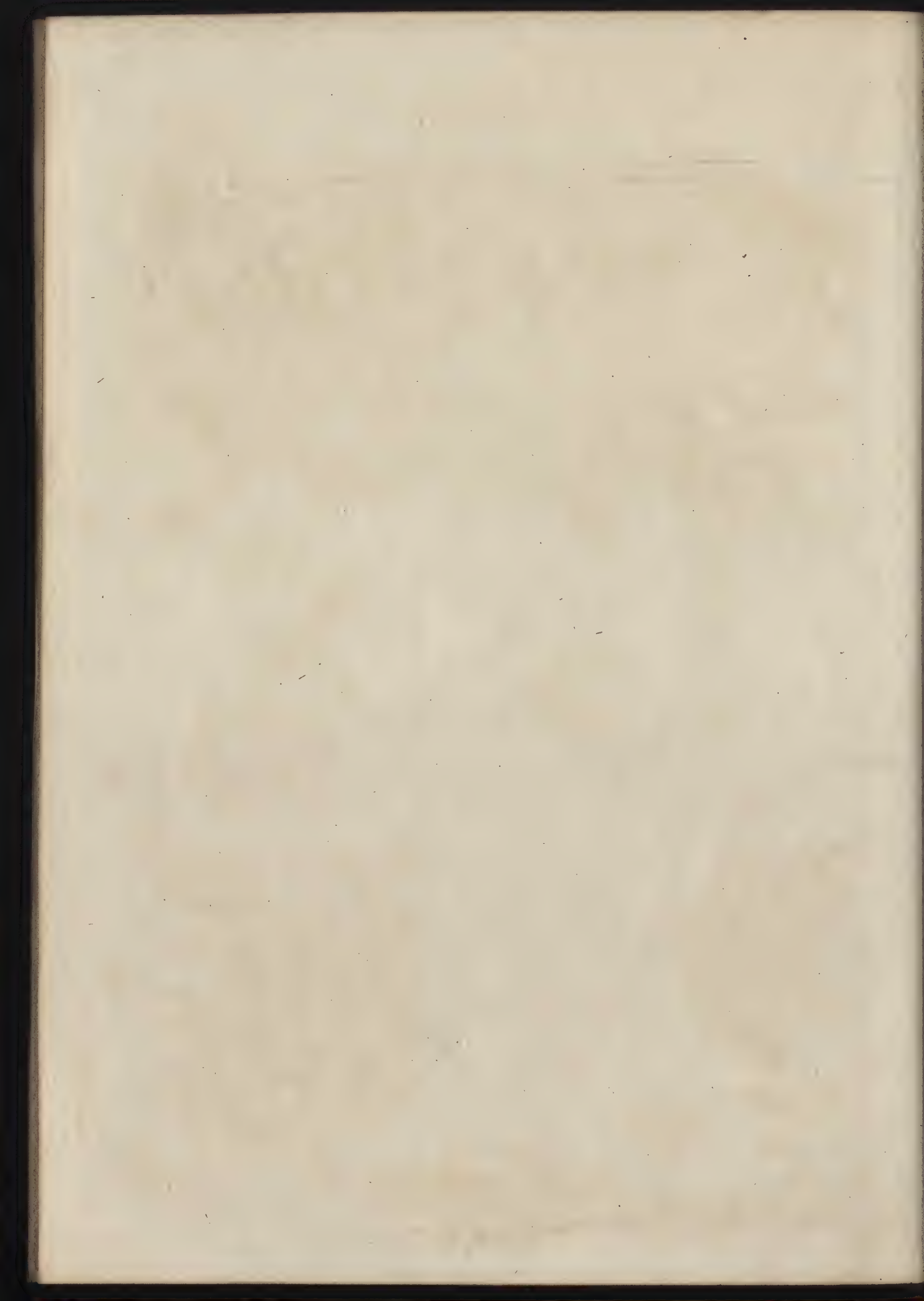


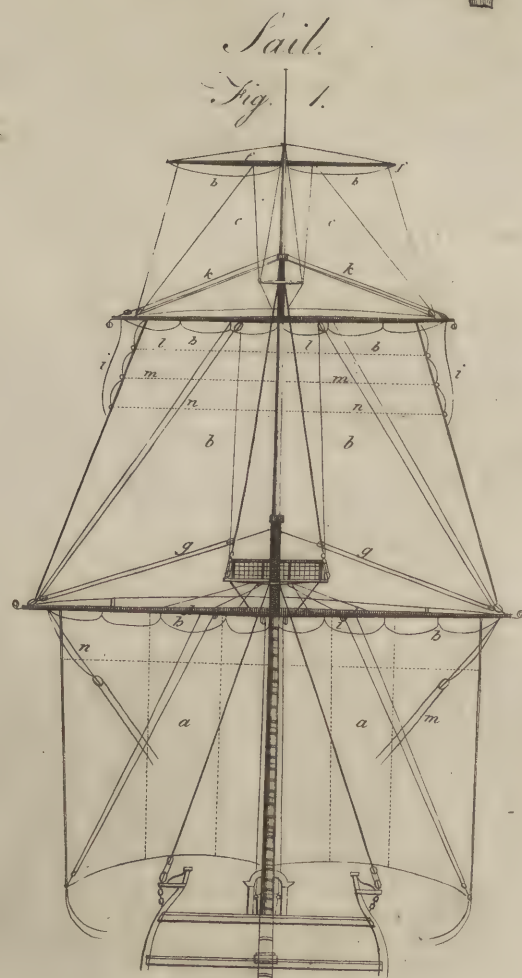
Substitute for a
Budder



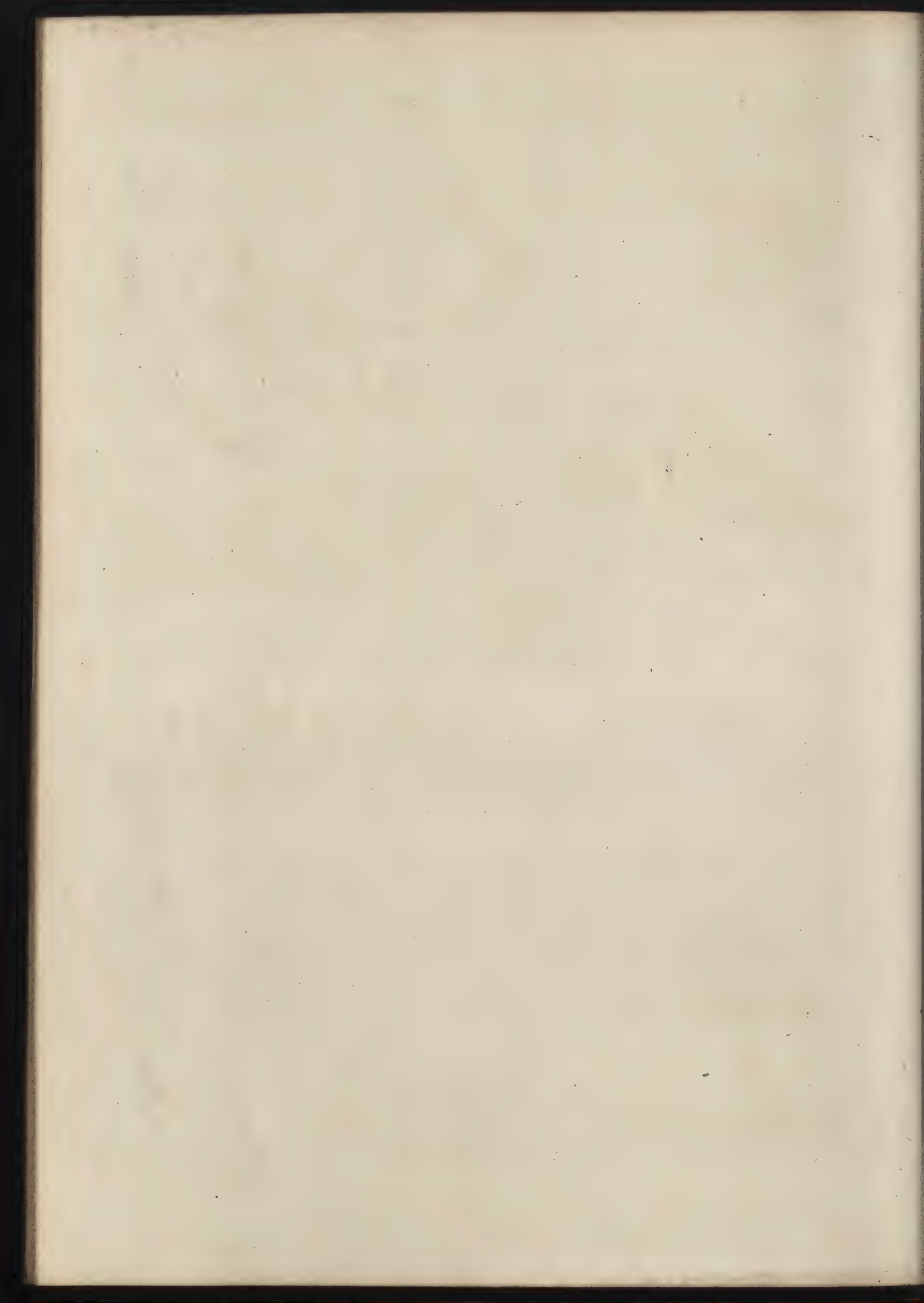
A. Bell Prin. Wal. Sculptor fecit







A. Bell, Prin. Nat. Sculptor sic!





Scolopax Galinago
or Snipe.



Scolopax Phaeopus
or Whimbrel.



Scolopax
or *Arquata*
Curlew.

Scolopax Rusticola
or Woodcock.



Scorpion.



Fig. 1.
Sciurus Cinereus
or Grey Squirrel.

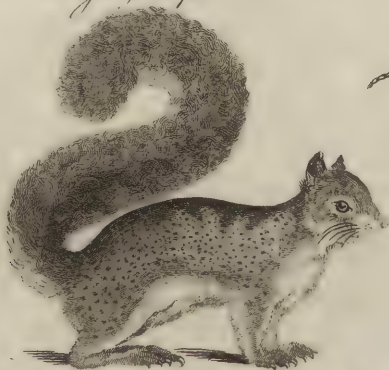


Fig. 2.
Sciurus Sagitta
or Sailing Squirrel.

Scolopendra Moritans.

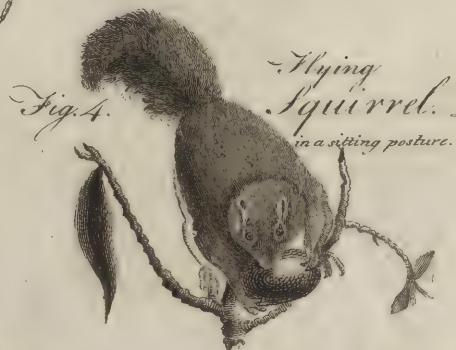
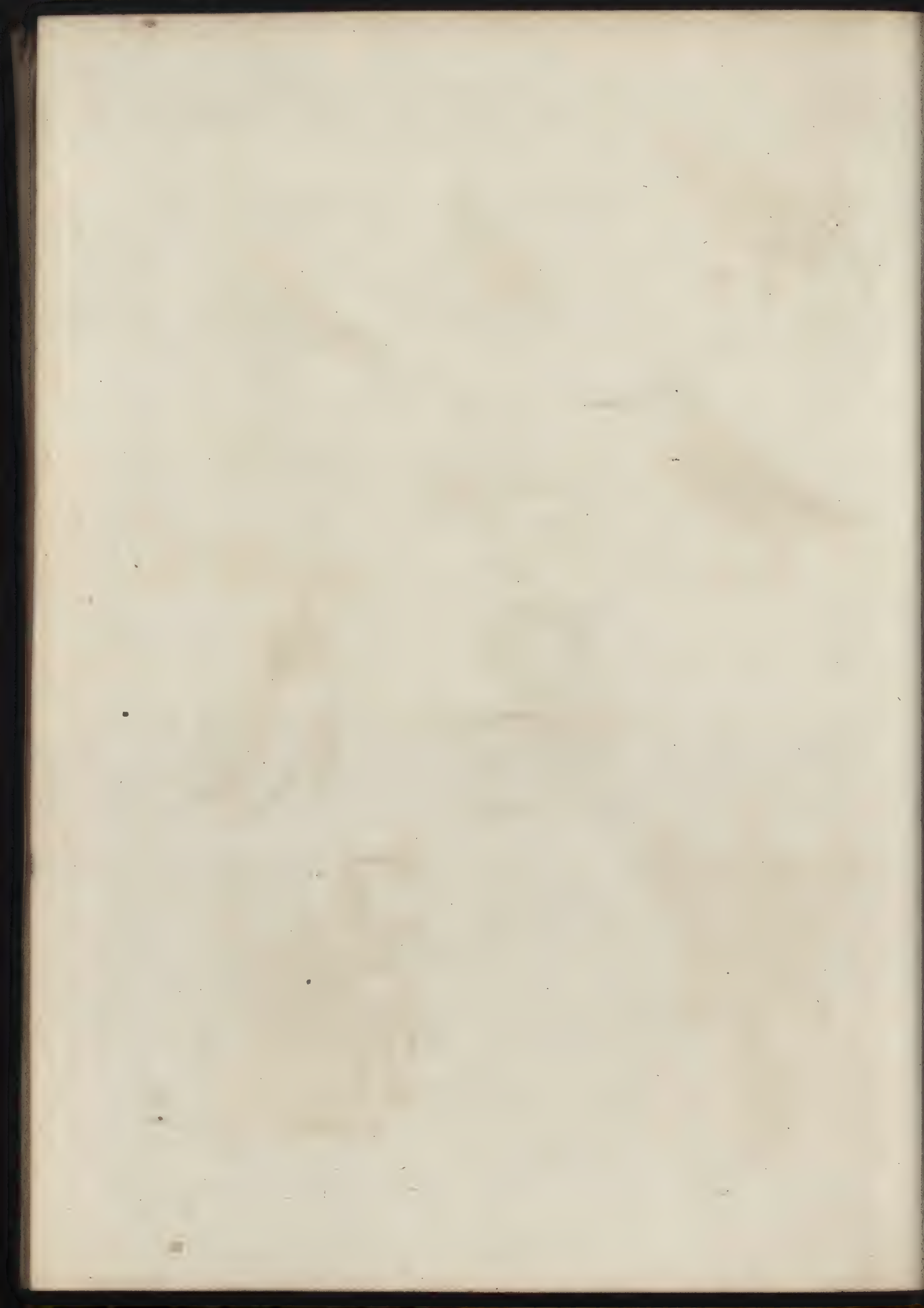


Fig. 4.
Flying
Squirrel.
in a sitting posture.

Fig. 3.
Sciurus Volans
or Flying Squirrel.
in a flying posture.





Meas from London

8 7 6 5 4 3 2 1 0

Plate CCCCXVI.

N O R T H E R N

British statute Miles
0 10 20 30 40

A T L A N T I C O C E A N



Ed. by Wm. Wood, London, 1857

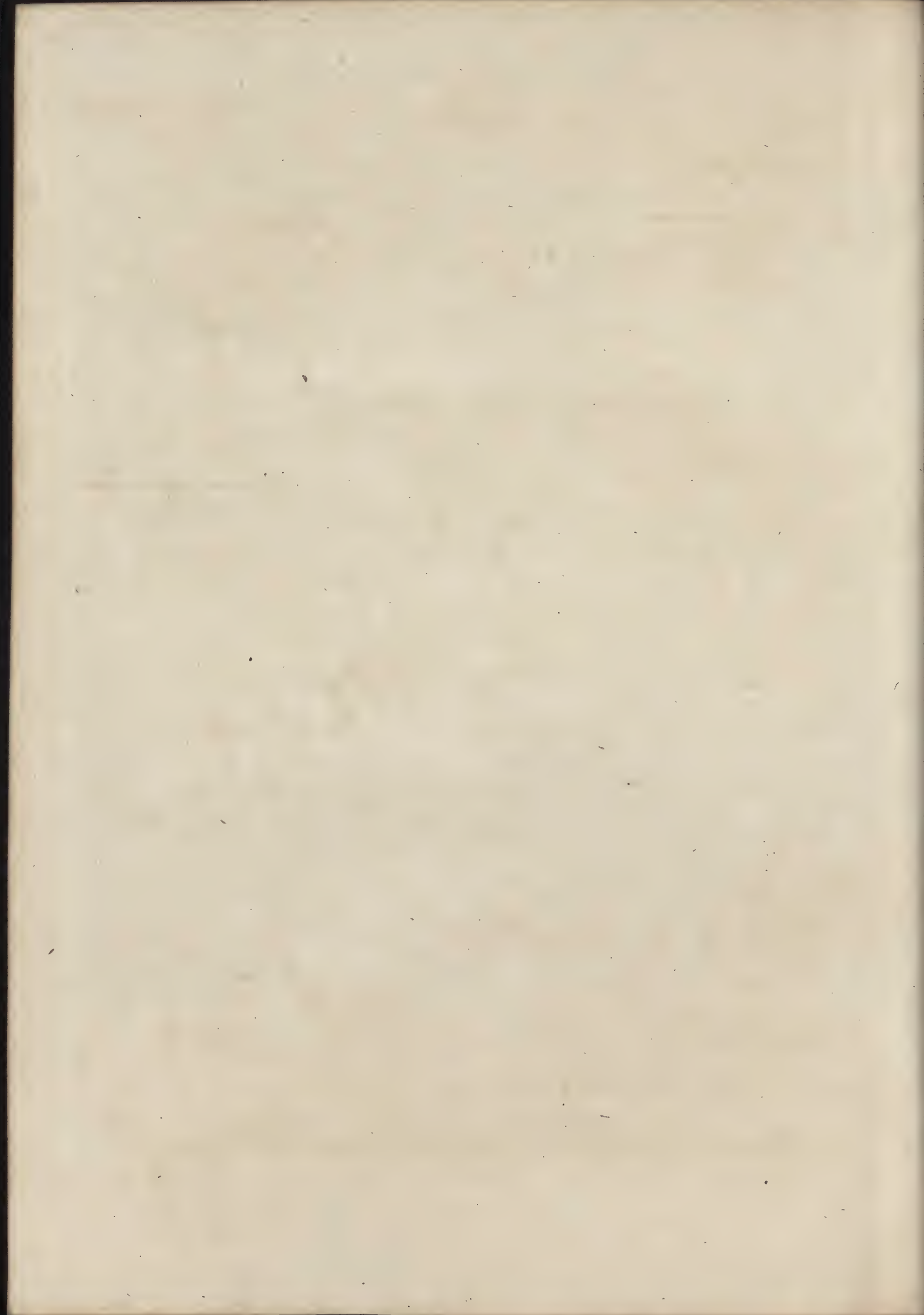


Fig. 1.

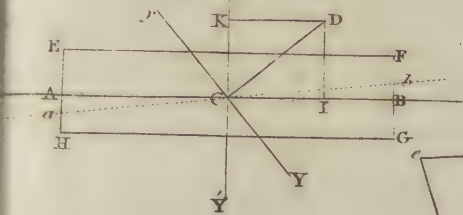


Fig. 5.

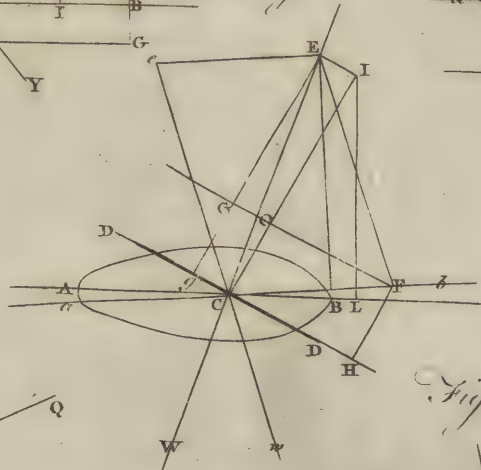


Fig. 2.

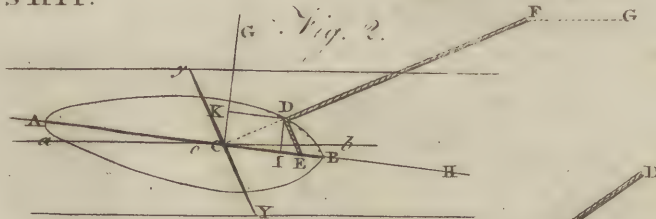


Fig. 3.

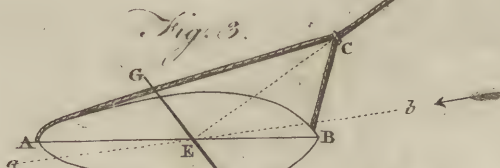


Fig. 4.

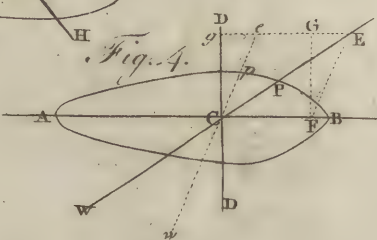


Fig. 8.

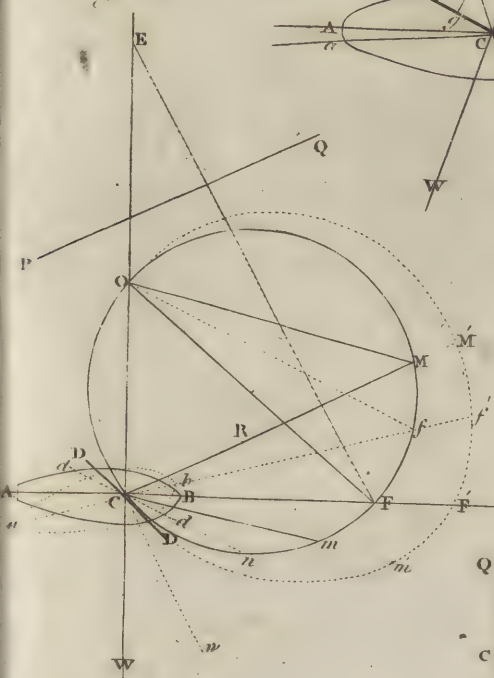


Fig. 6.

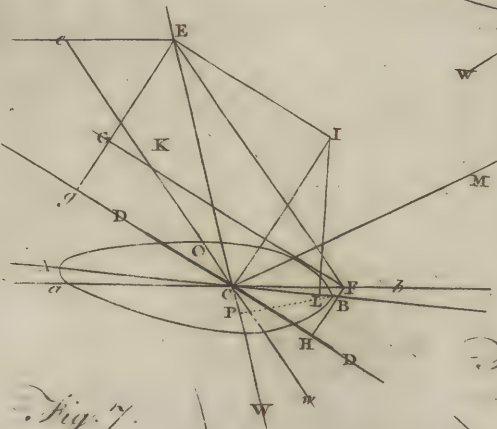


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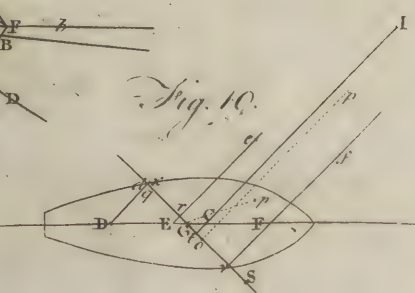


Fig. 9.

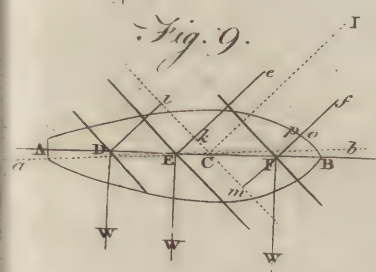


Fig. 7.

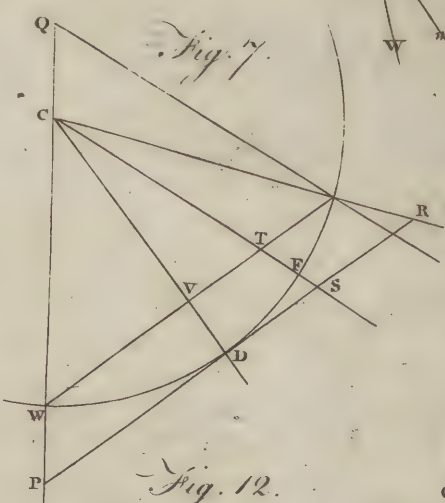


Fig. 12.

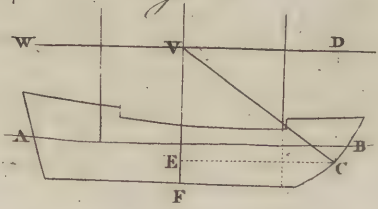


Fig. 13.

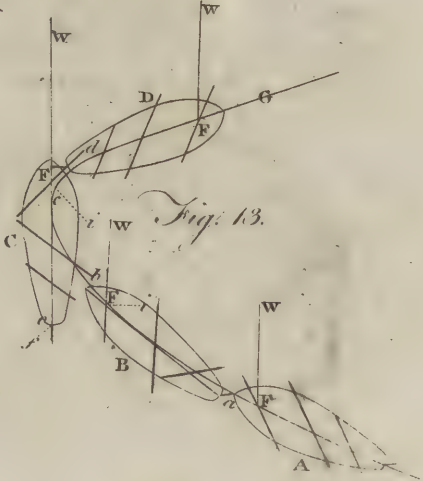
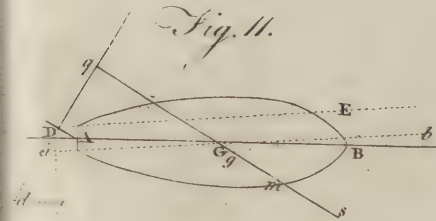
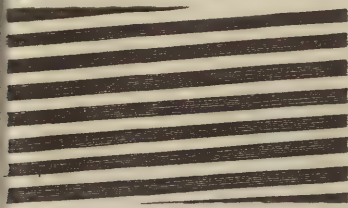


Fig. 11.

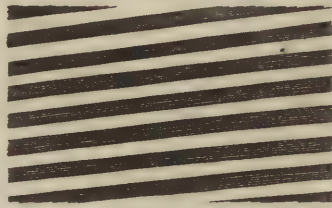




N^o 1.



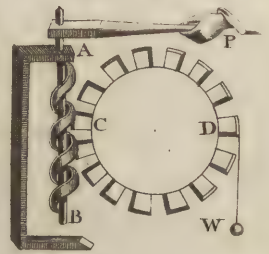
N^o 2.



N^o 3.



N^o 4.



Machine for Freshening
SEA WATER.

Fig. 1.

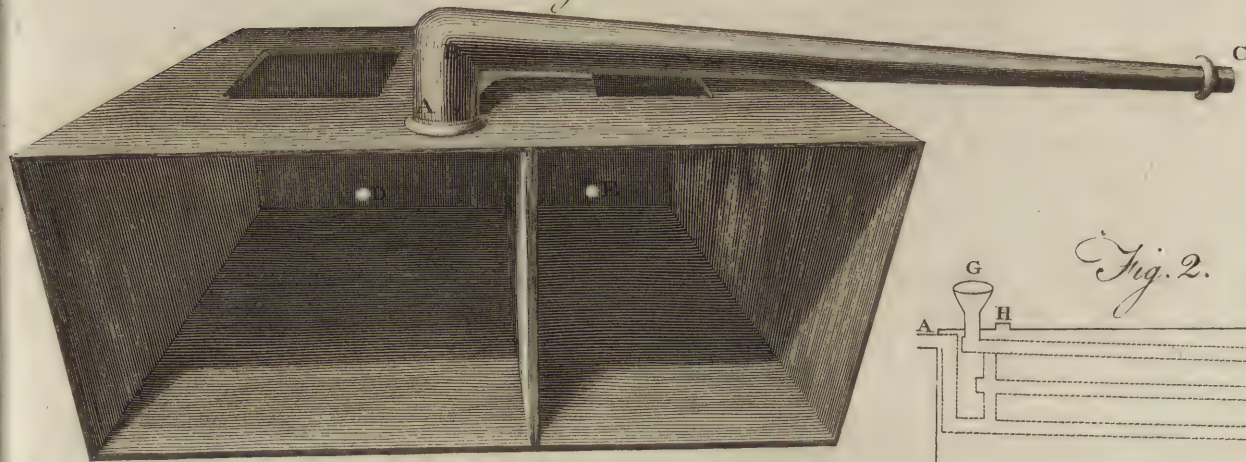
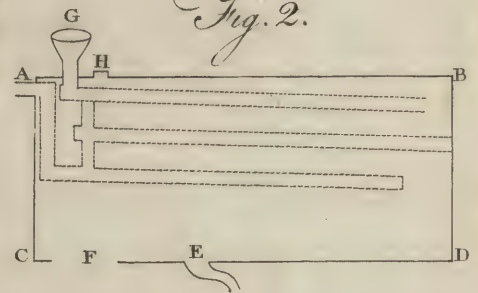


Fig. 2.



SECTOR.

Fig. 3.

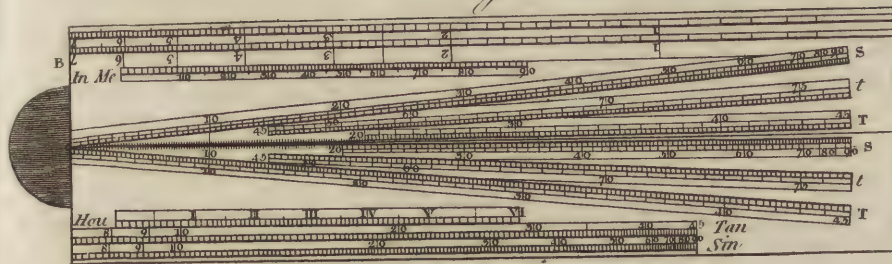


Fig. 4.

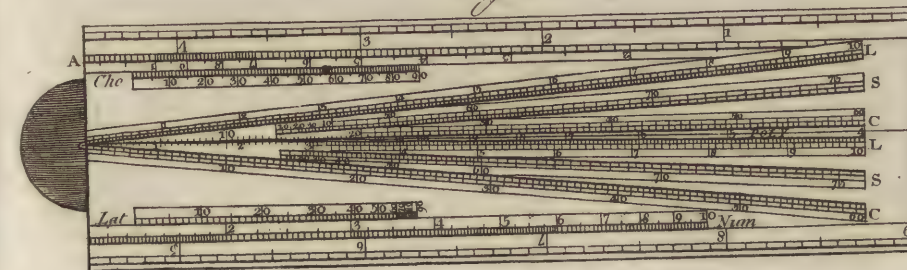
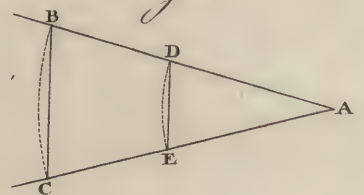
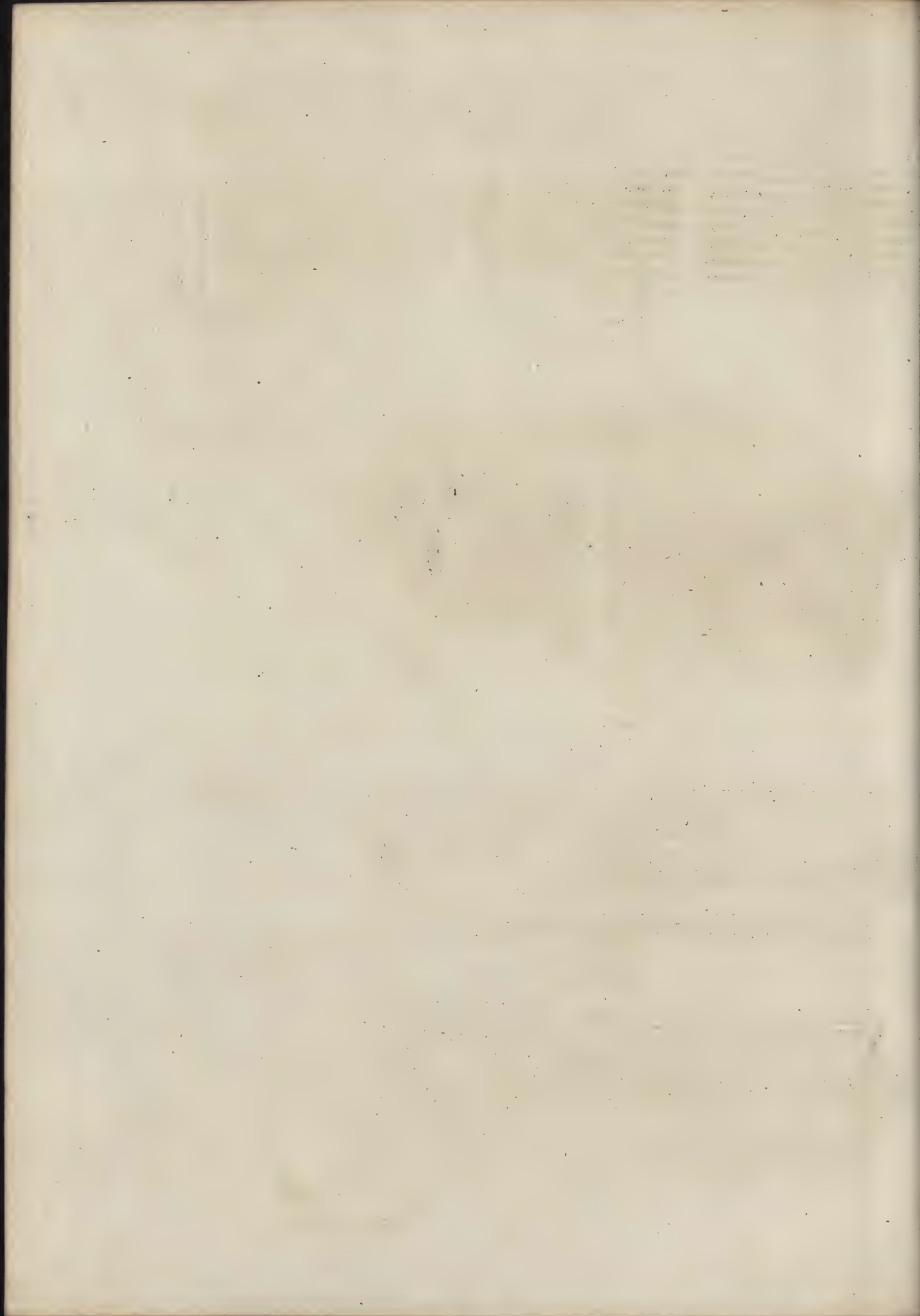


Fig. 5.





Sepia or Cuttle fish.

Fig. 1.



Fig. 2.



Fig. 3.



Fig. 5.



Scythrops nova Hollandica

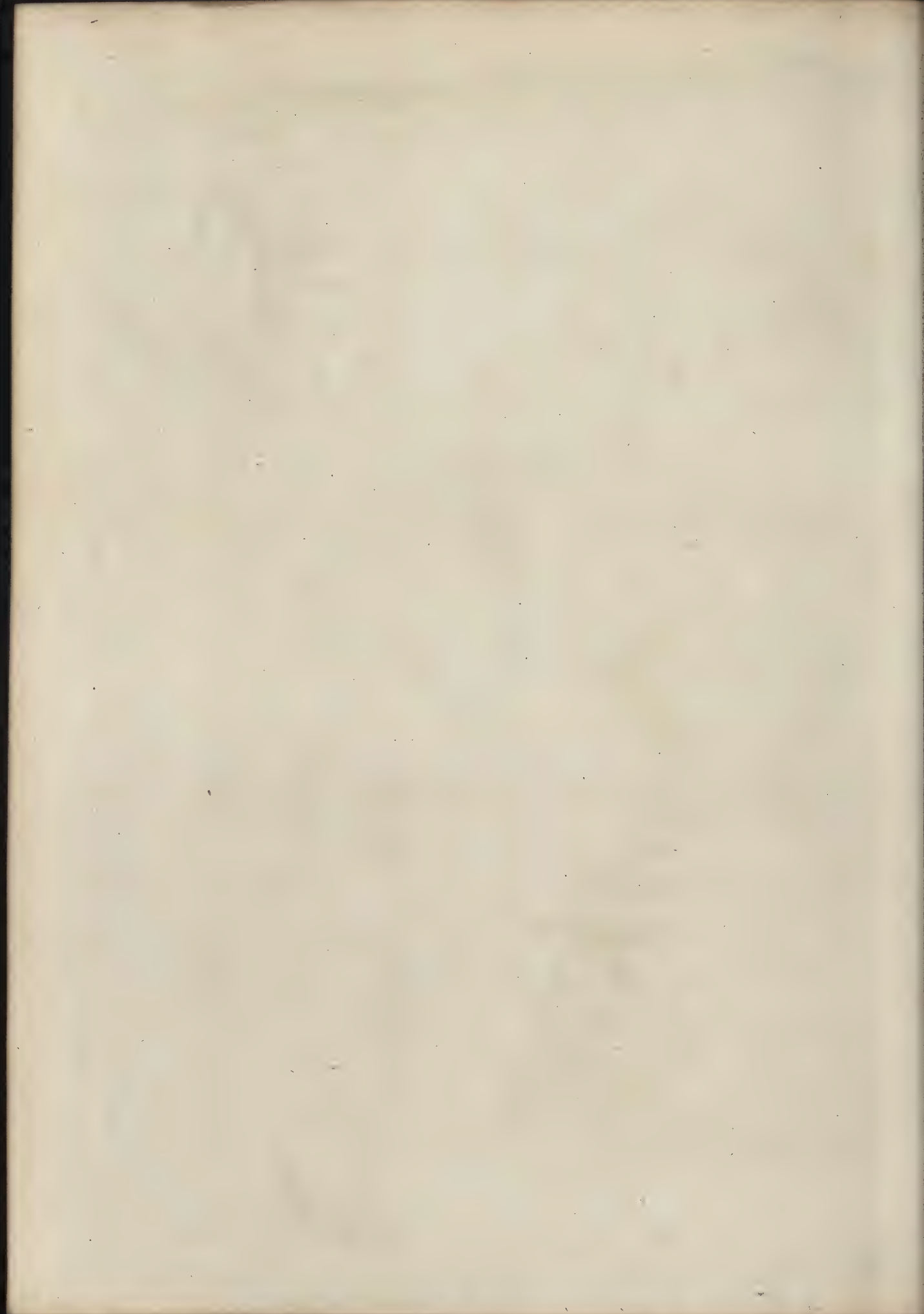


Sea Dragon.



Serpens Biceps.





S H I P.

Plate CCCCCL.

A FIRST RATE SHIP of WAR with Rigging &c. at Anchor.

Fig. 1.



After View of the Ship.

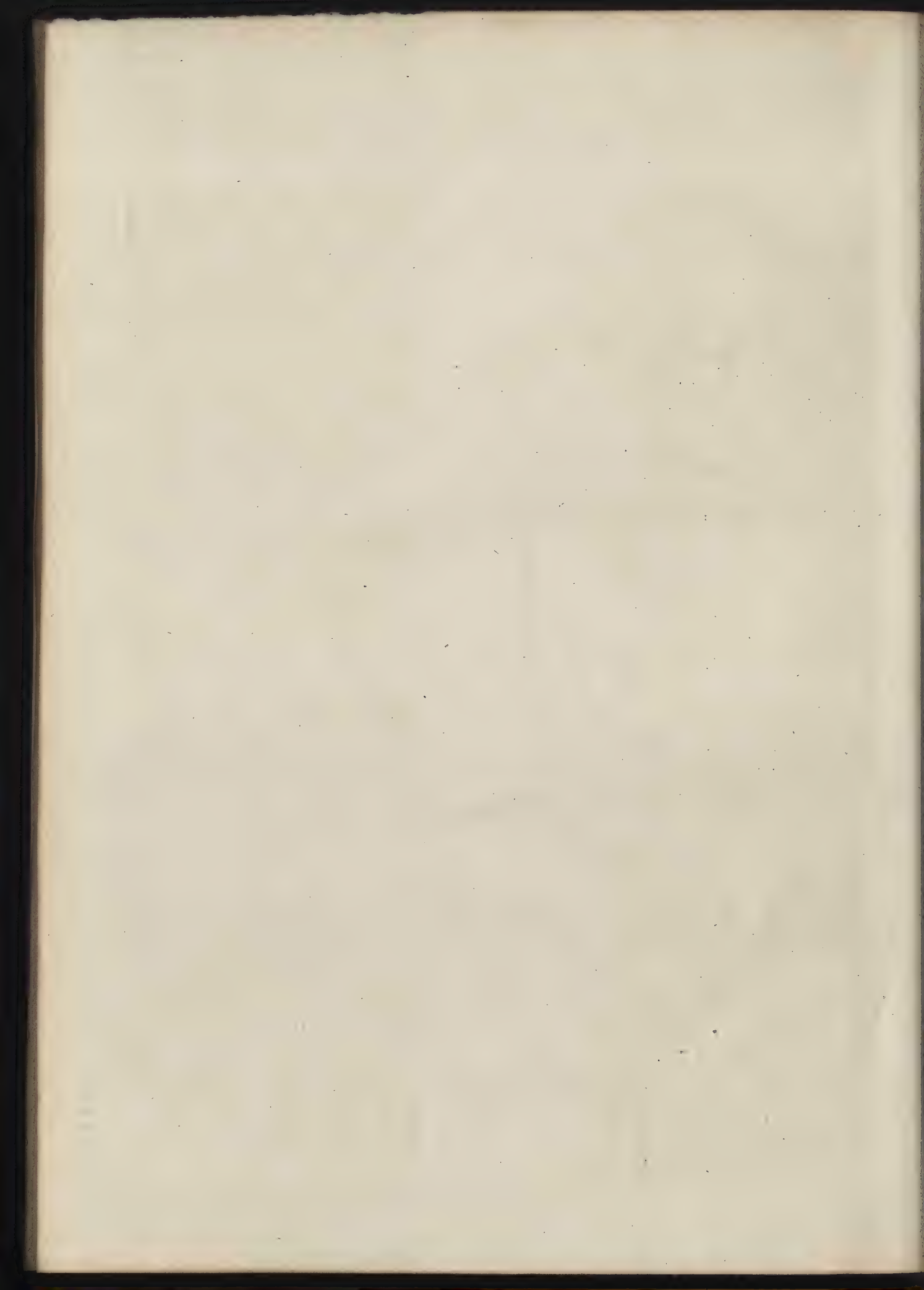
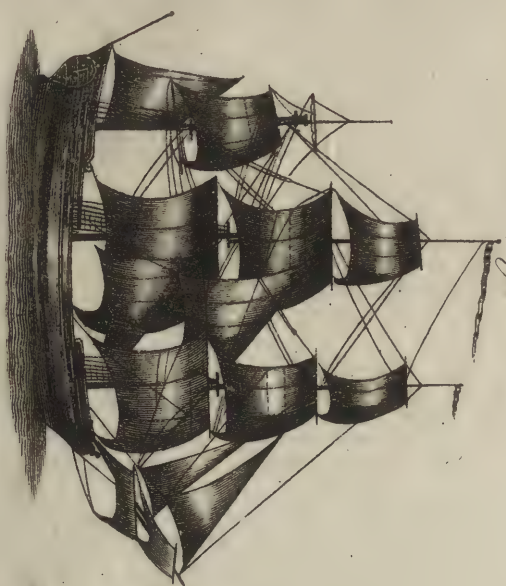


Fig. 3.



SHIP.
Fig. 4.

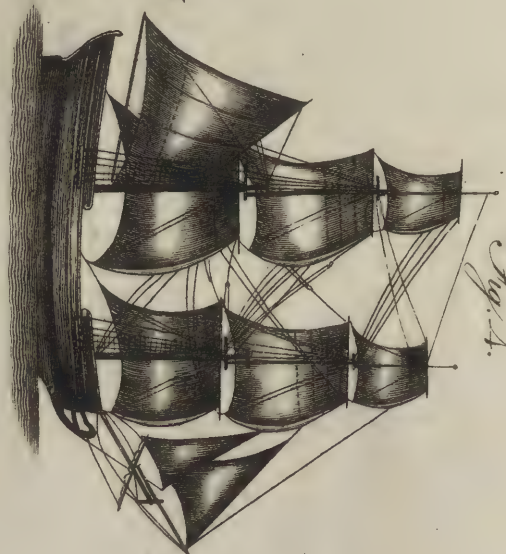
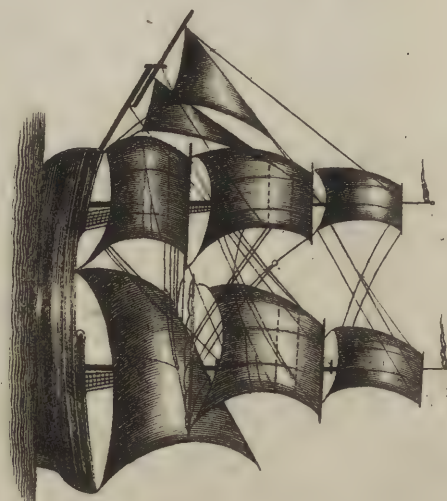


Plate CCCCII.
Fig. 5.



The Section of a First Rate SHIP of War, Shewing its various Timbers and Apartments.





SHIP.

Plate CCCCLII.

Fig. 8.



Fig. 7.



Fig. 6.



Fig. 10.



Fig. 12.



Fig. 9.



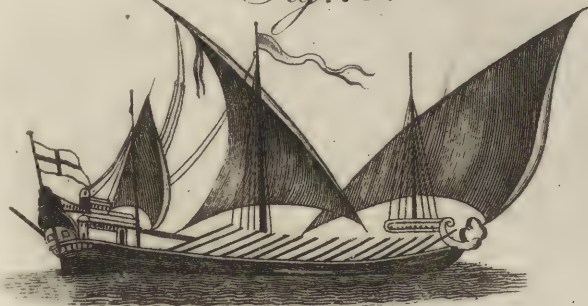
Fig. 14.



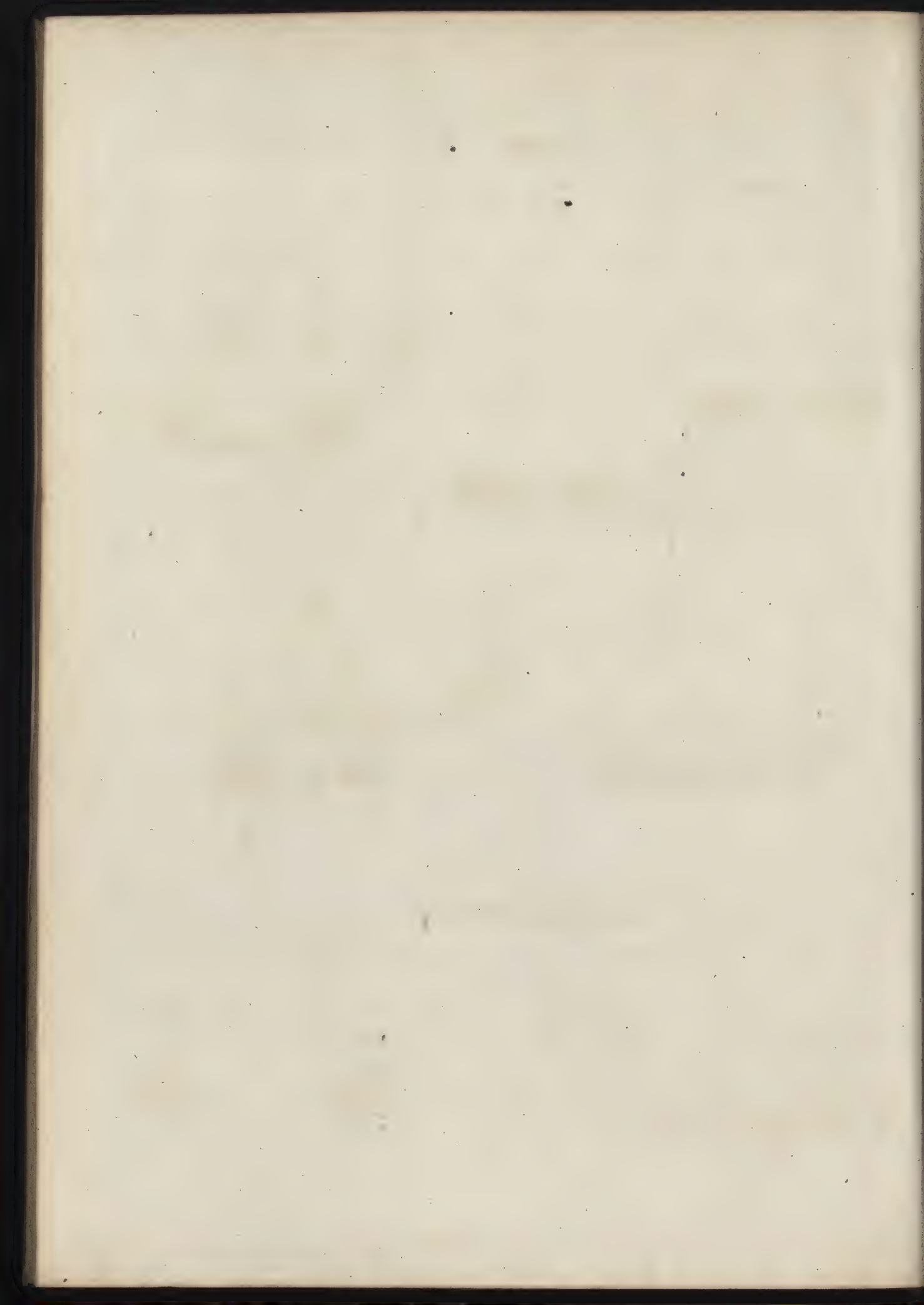
Fig. 11.



Fig. 13.



J. B. Bell Pinx. Wal. Sculptor fecit.



*Machine for drawing
SHIP BOLTS.*

Plate CCCCXLIII.

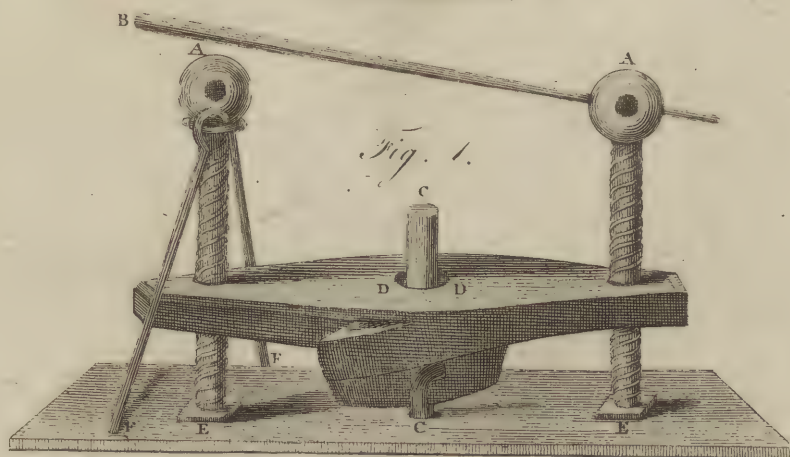


Fig. 2.

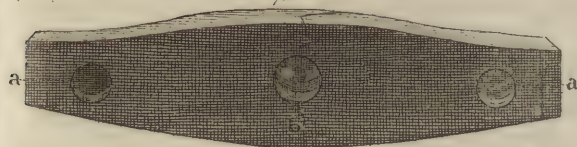


Fig. 3.

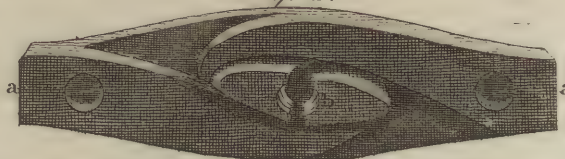


Fig. 4.

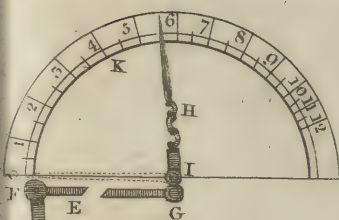
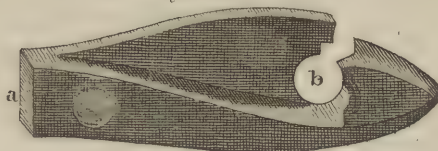


Fig. 5.

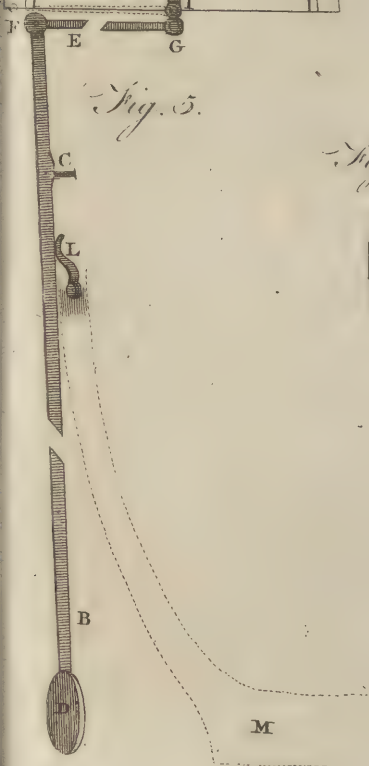


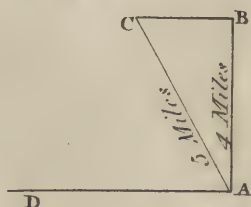
Fig. 6.



Fig. 7.



Fig. 9.

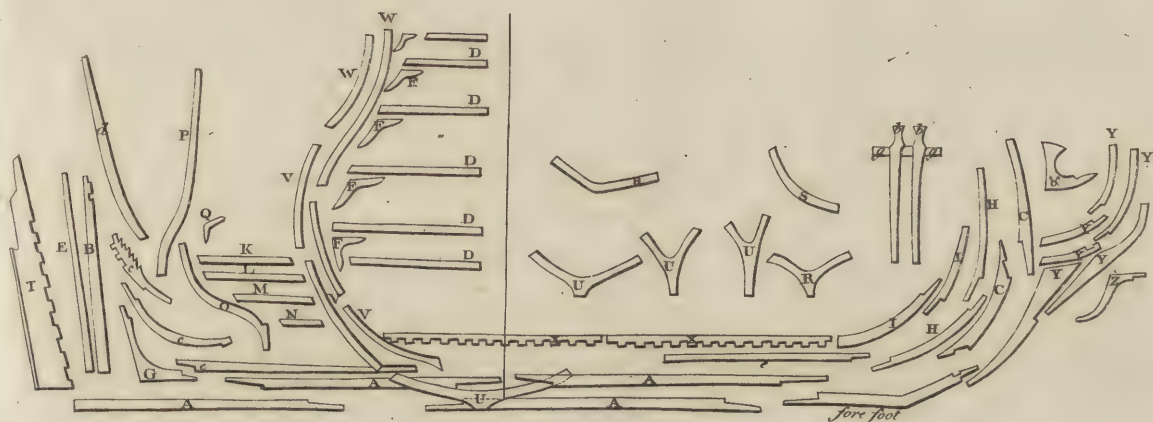


J. Bell, Prin. & Co. Sculptors &c.

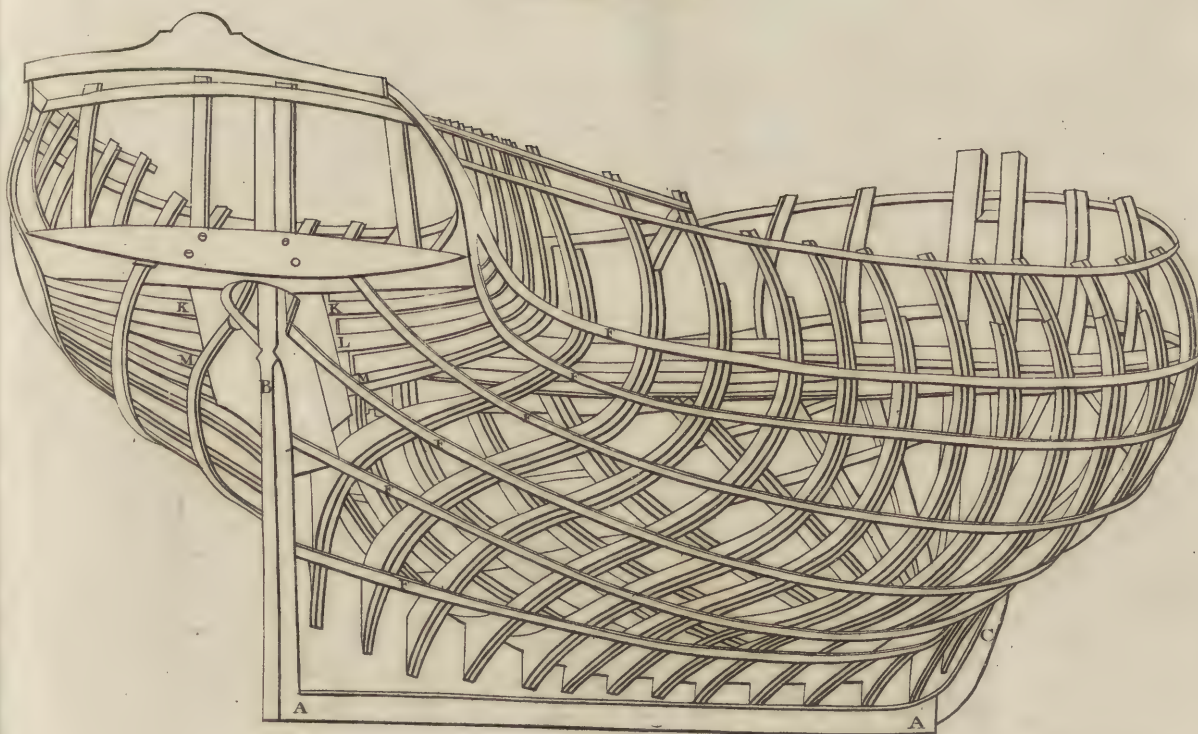


Fig. 1.

PIECES of the HULL.

*Fig. 2.*

FRAMES of a SHIP.

*Ed Bell Prin. Mch. Sculptor fecit.*



SHIP-BUILDING.

Plate CCCCIV.

Fig. 3.

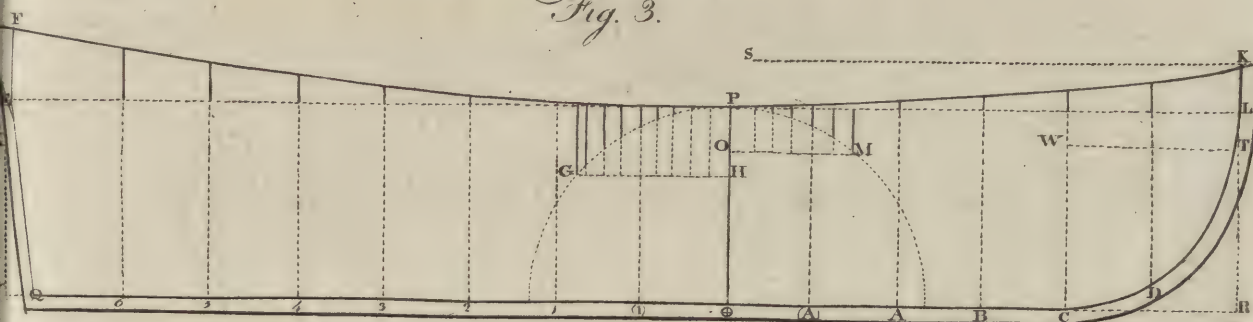


Fig. 4.

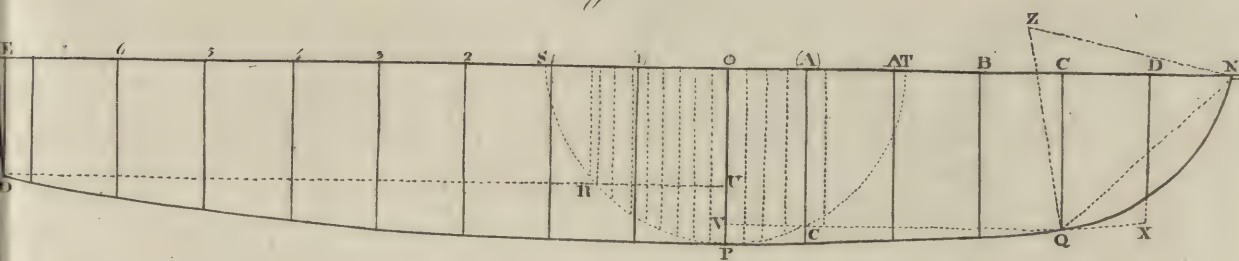


Fig. 5.

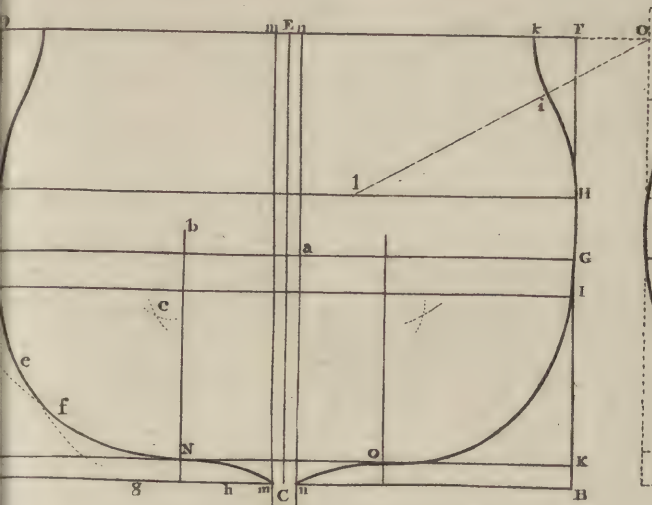
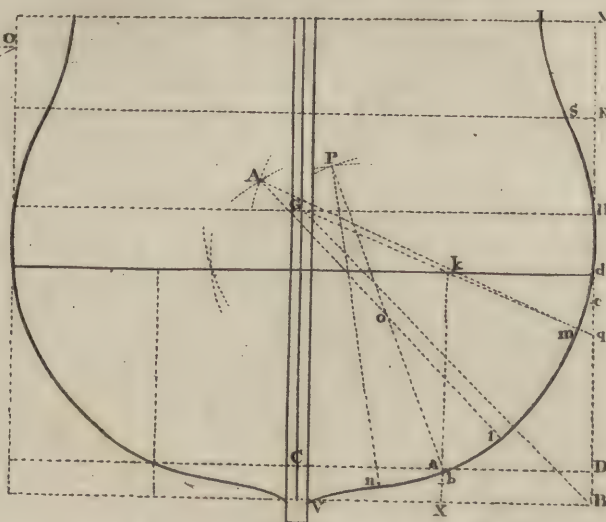


Fig. 6.



A. B. H. Rijn. Dal. Schepster fecit.

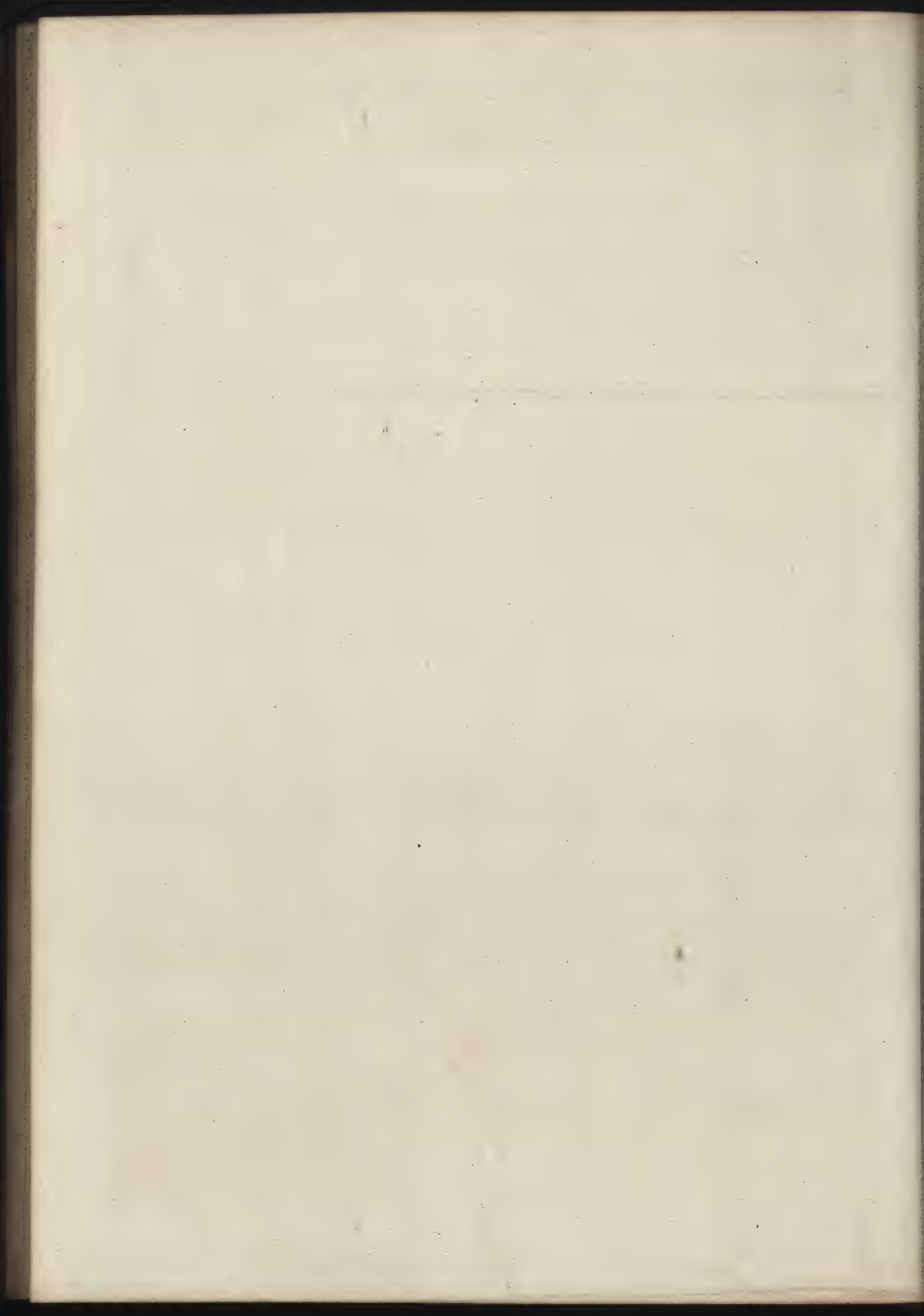
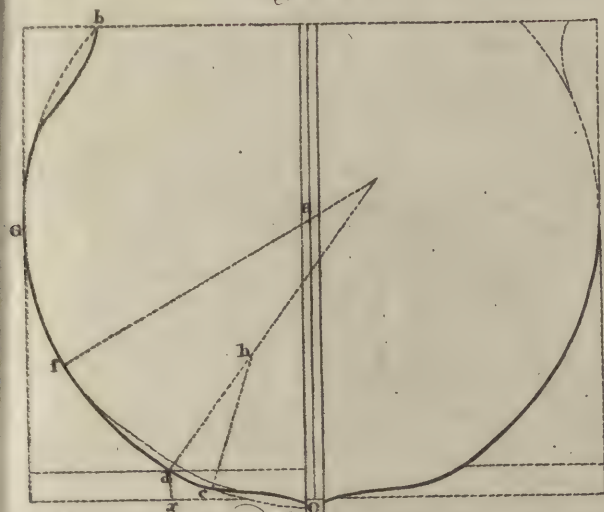
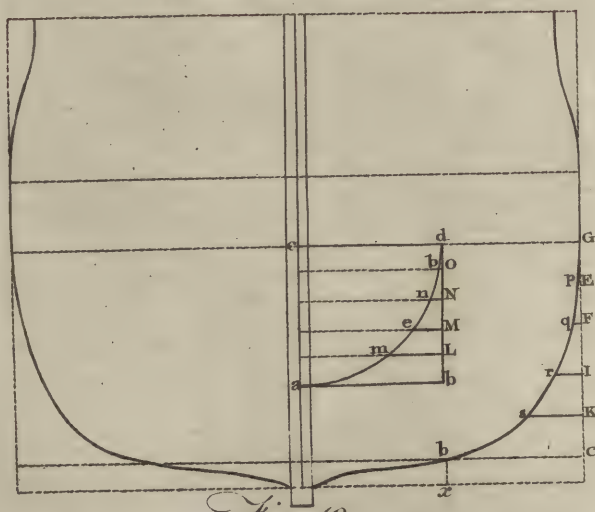
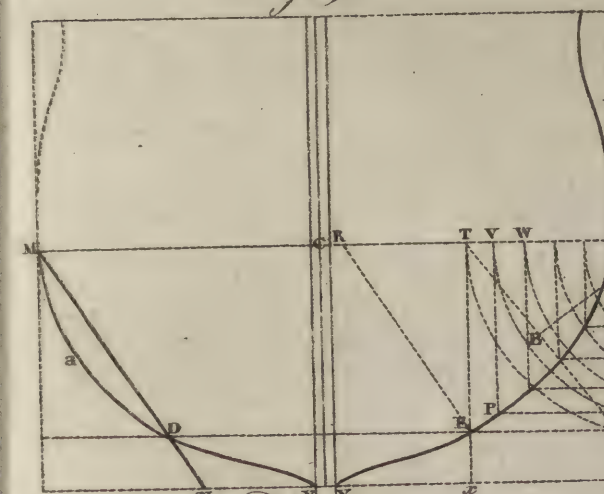
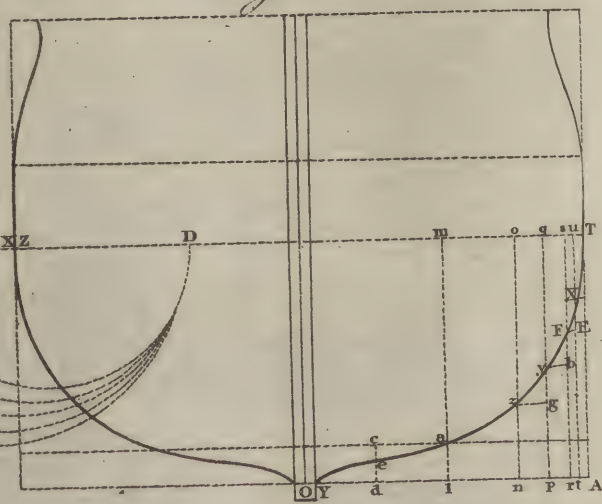
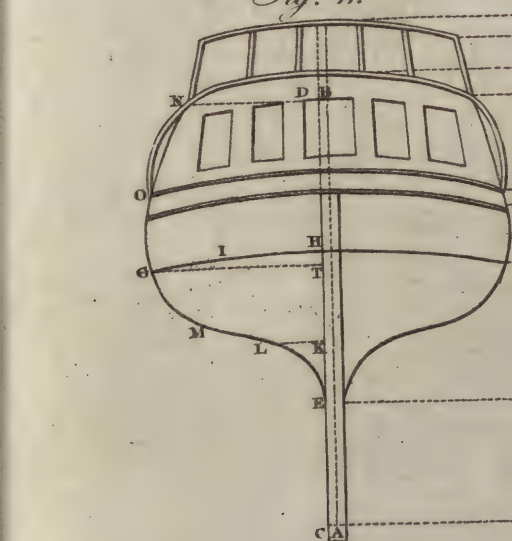
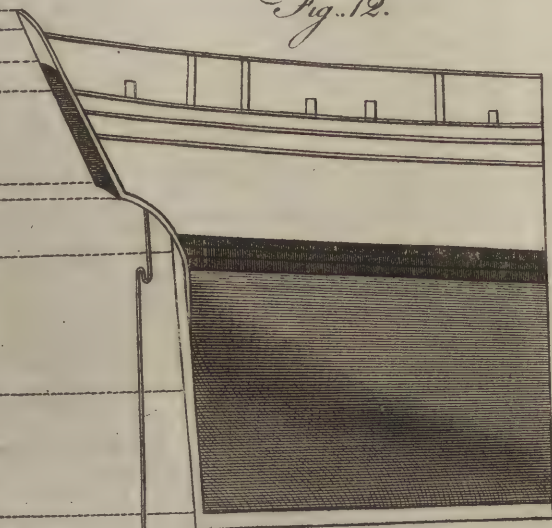


Fig. 7.*Fig. 8.**Fig. 9.**Fig. 10.**Fig. 11.**Fig. 12.*



SHIP - BUILDING

Fig. 13.

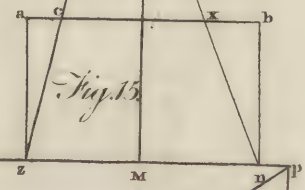
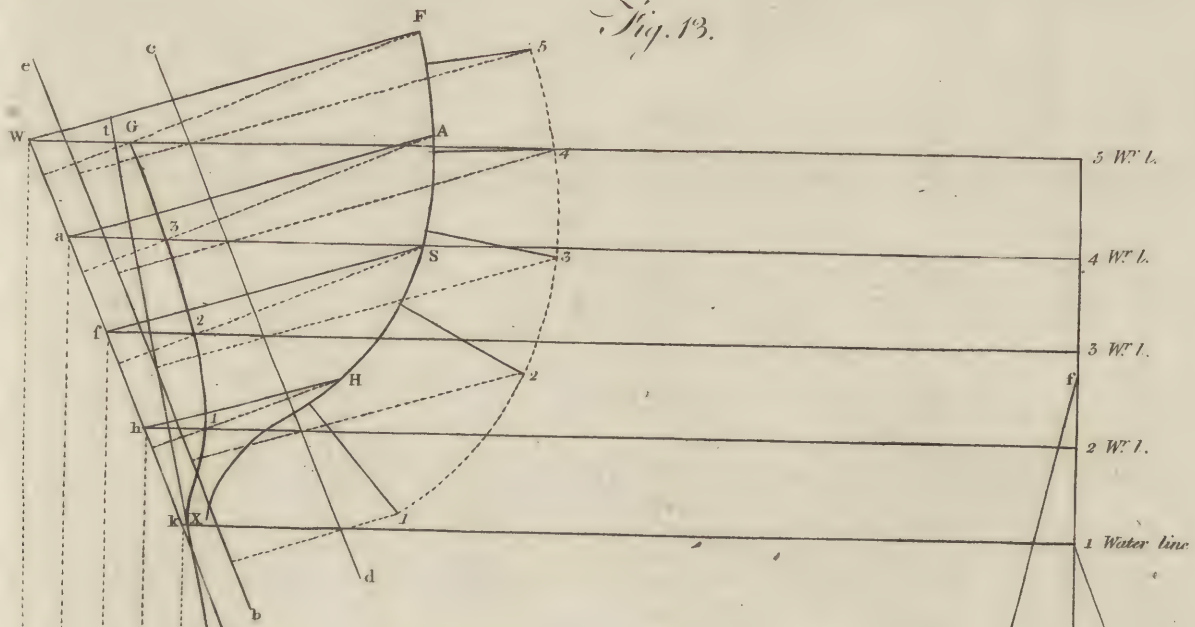


Fig. 14.

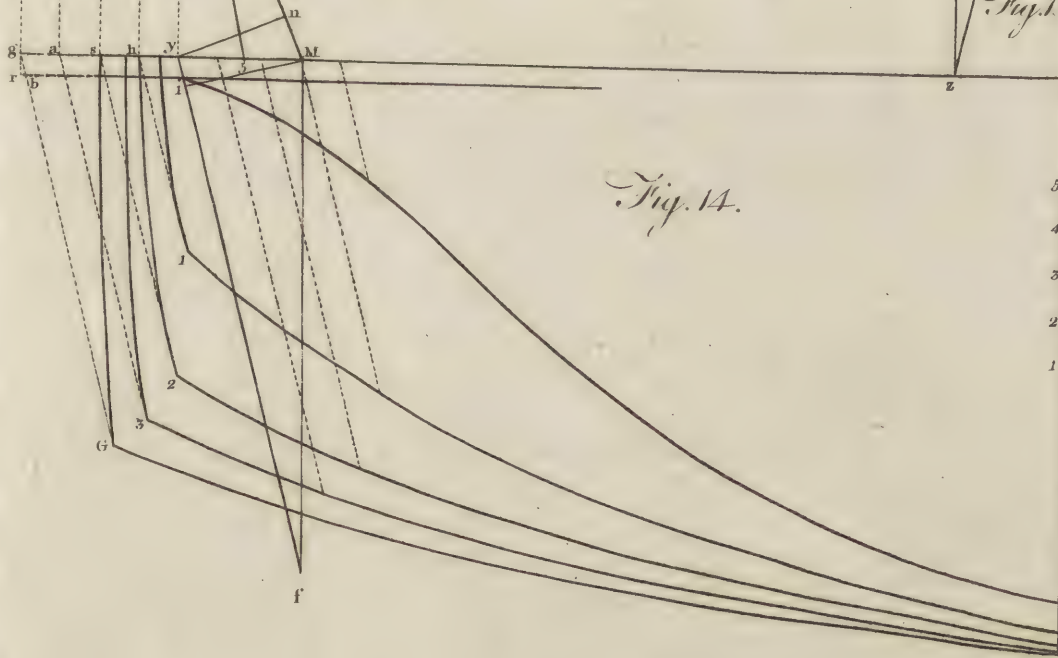


Fig. 16.

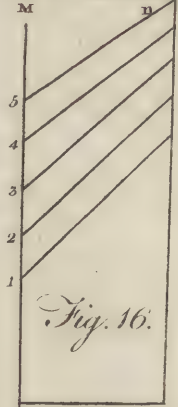


Fig. 17.

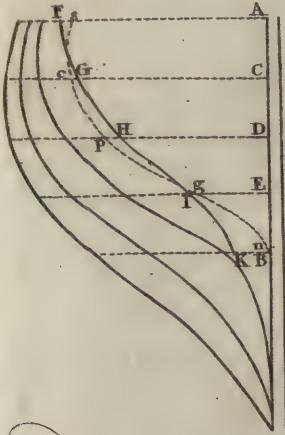


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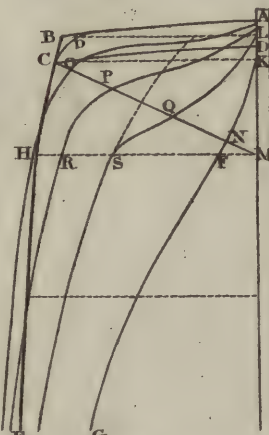


Fig. 19.

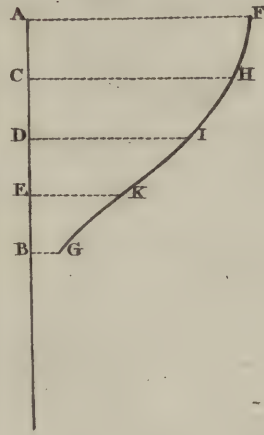


Fig. 20.

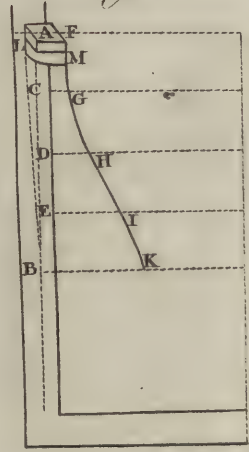


Fig. 21.

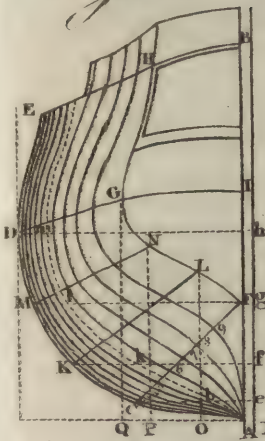


Fig. 22.

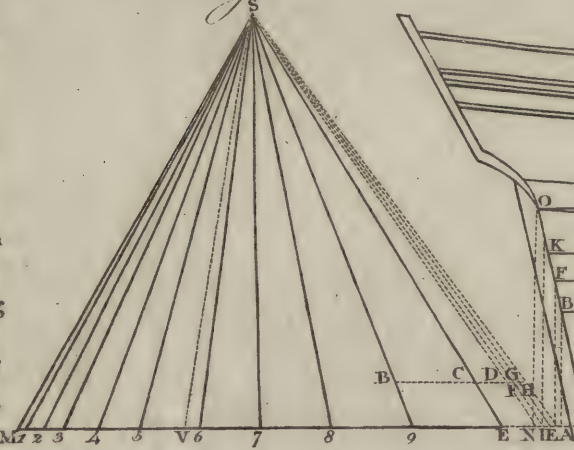


Fig. 23.

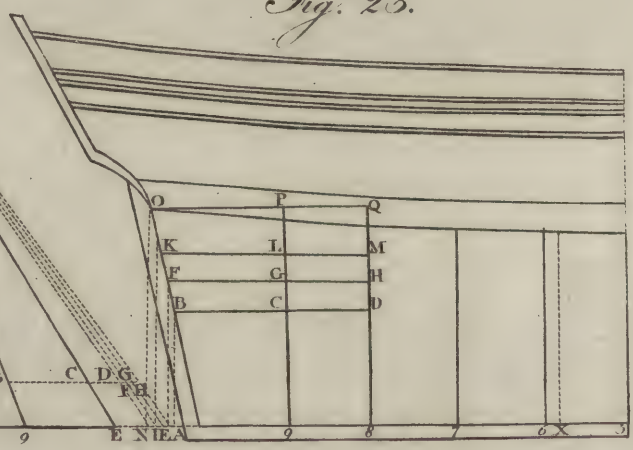


Fig. 24.

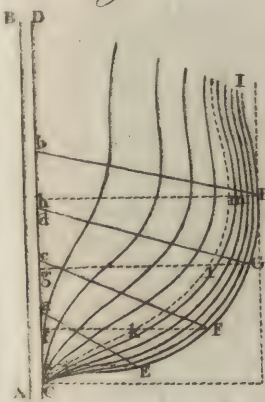


Fig. 25.

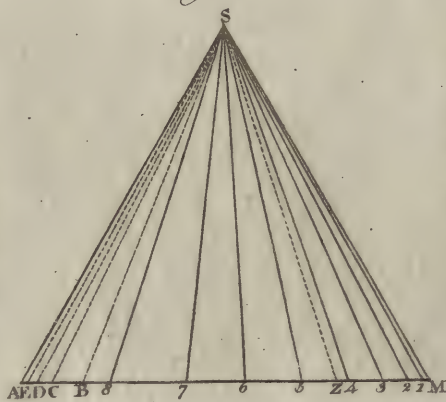


Fig. 26.

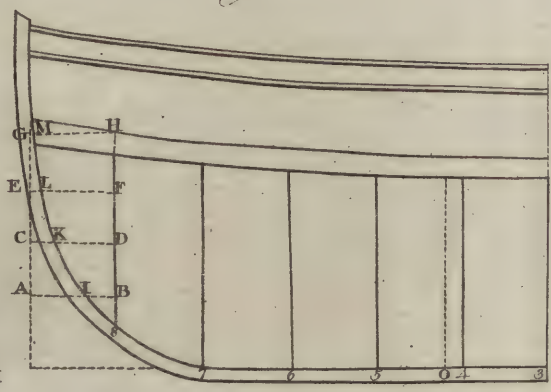
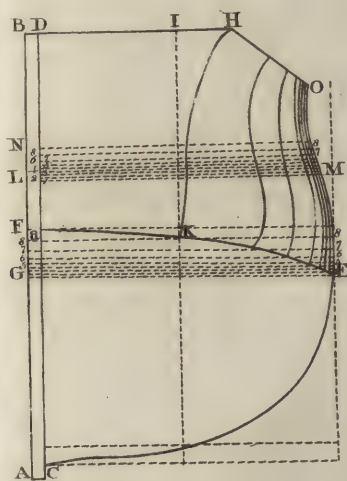
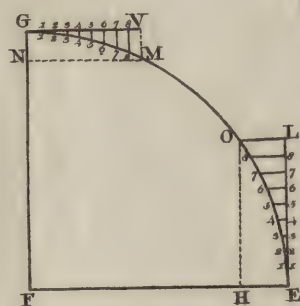
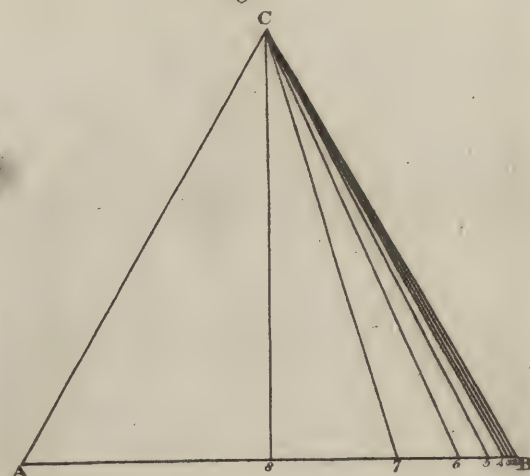
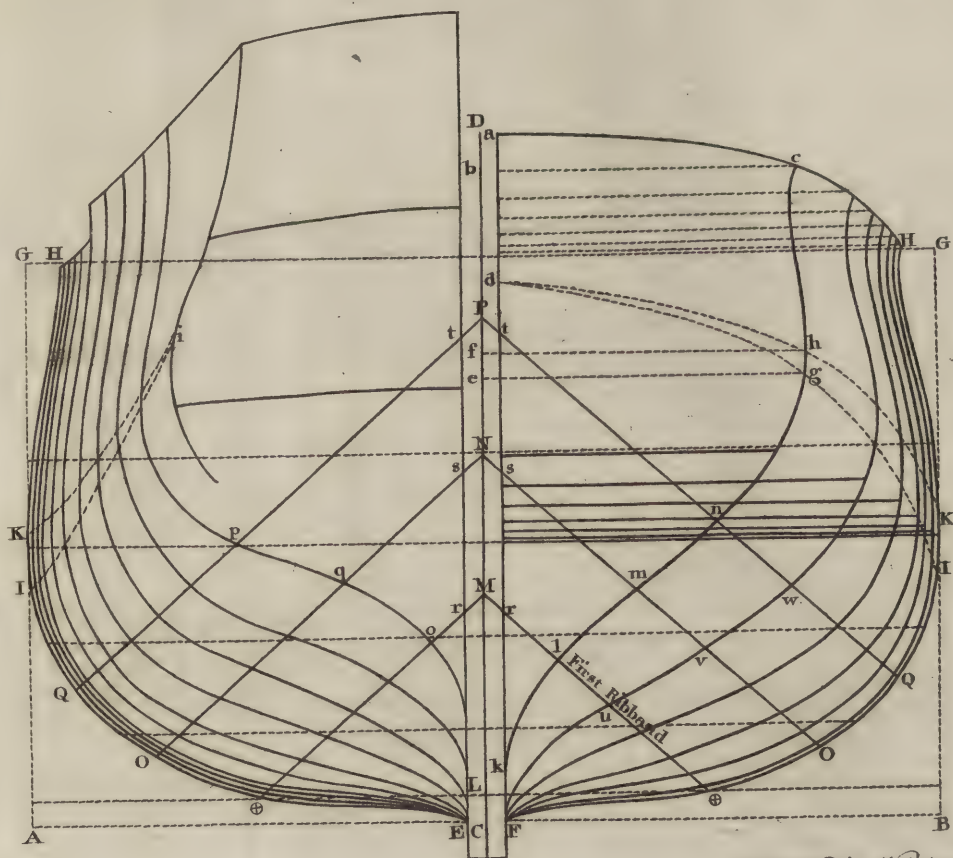
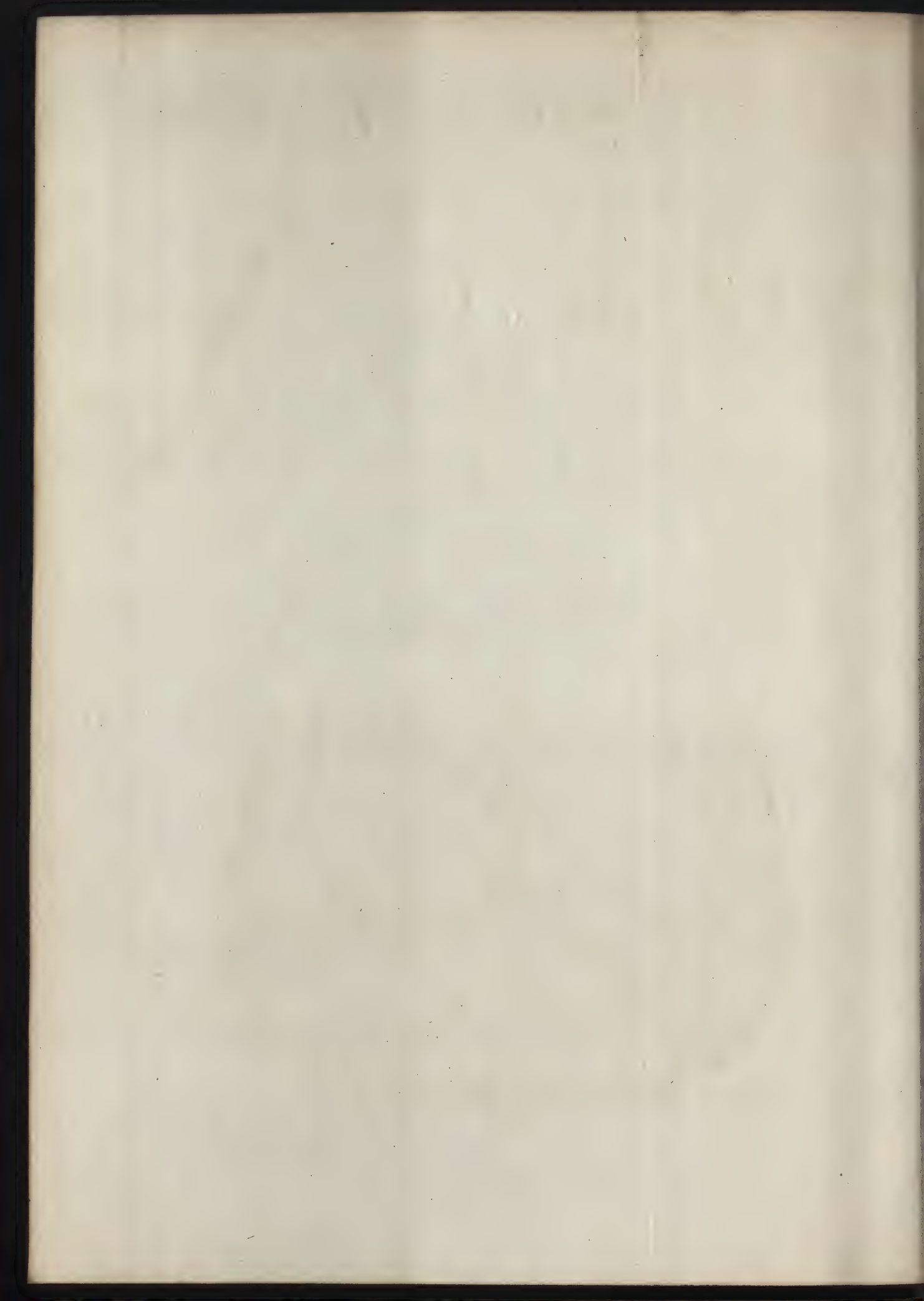




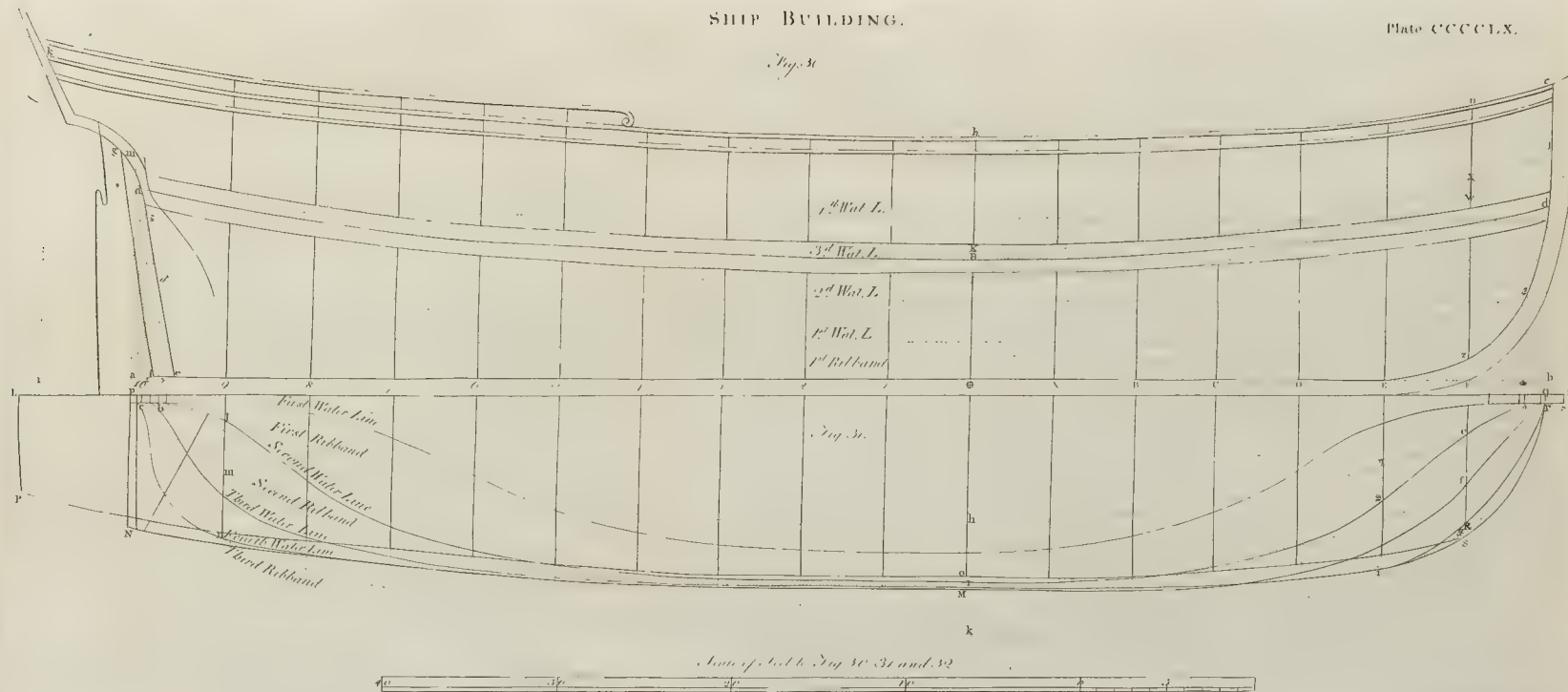
Fig. 27.*Fig. 28.**Fig. 29.**Fig. 32.**Ad Bell Prin. Wal. Sculptor fecit.*



SHIP BUILDING.

Plate C C C C L X.

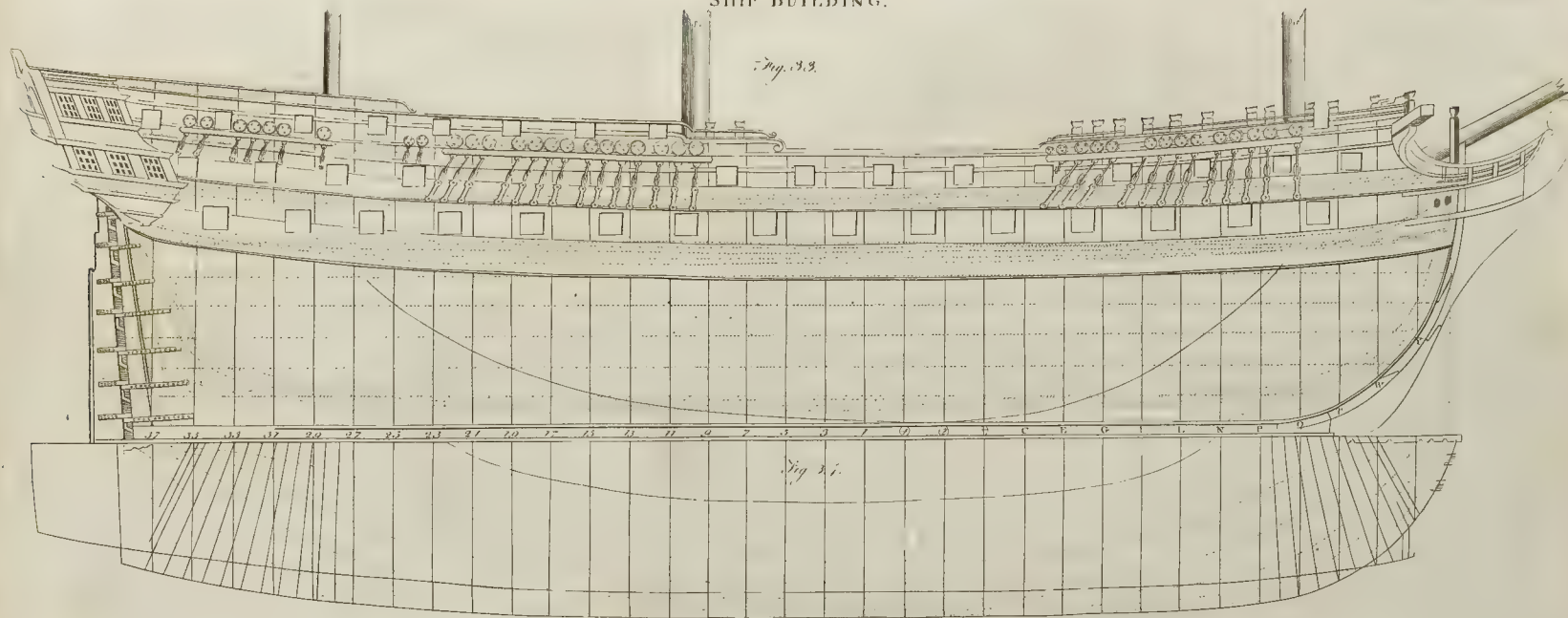
Fig. 31



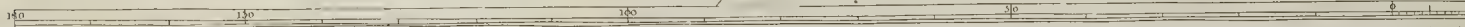
Back of
Foldout
Not Imaged

SHIP BUILDING.

Plate CCCCLXI.



Scale of Feet



W. H. & C. 1850

Back of
Foldout
Not Imaged

Fig. 35.

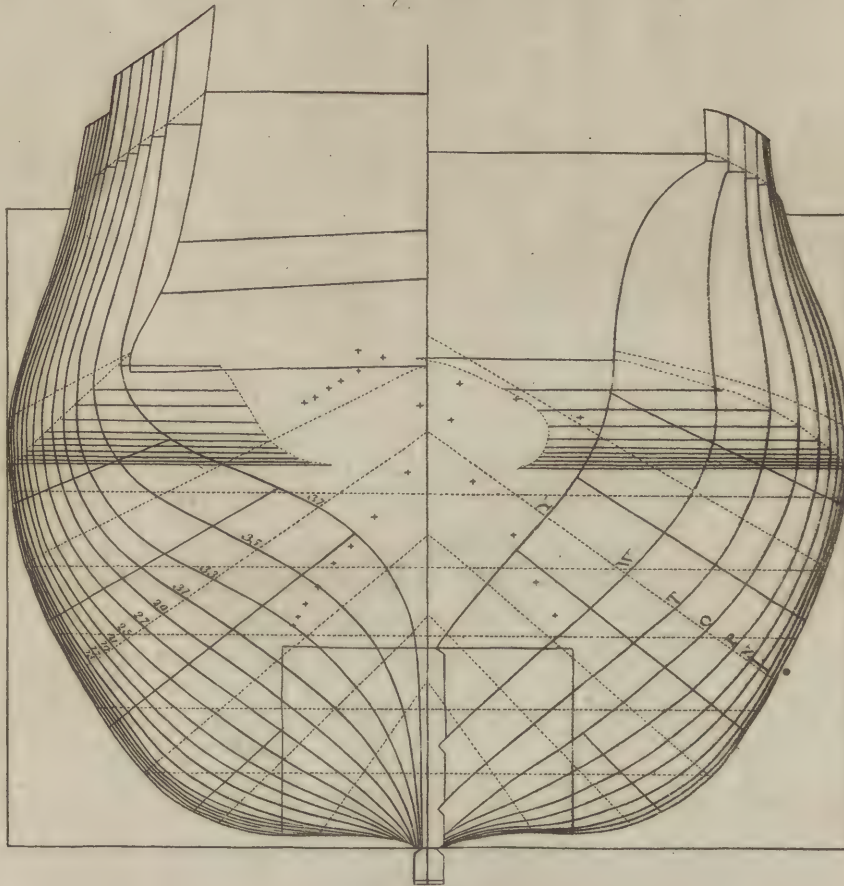
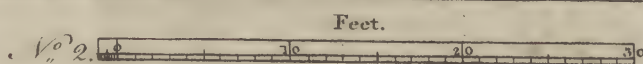
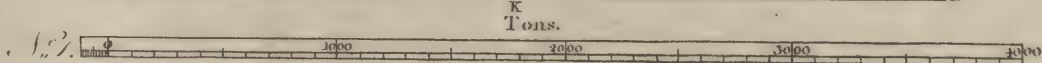
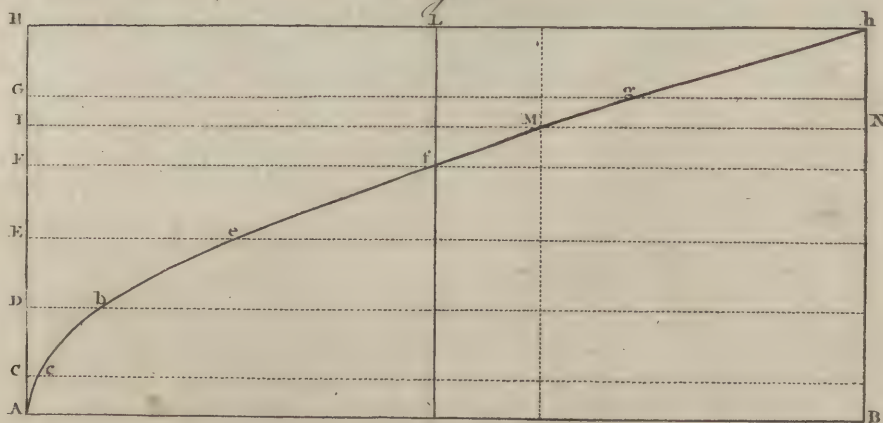


Fig. 36.



A. Hall, Prin. Wks. & Sulphur feet.

Fig. 37.

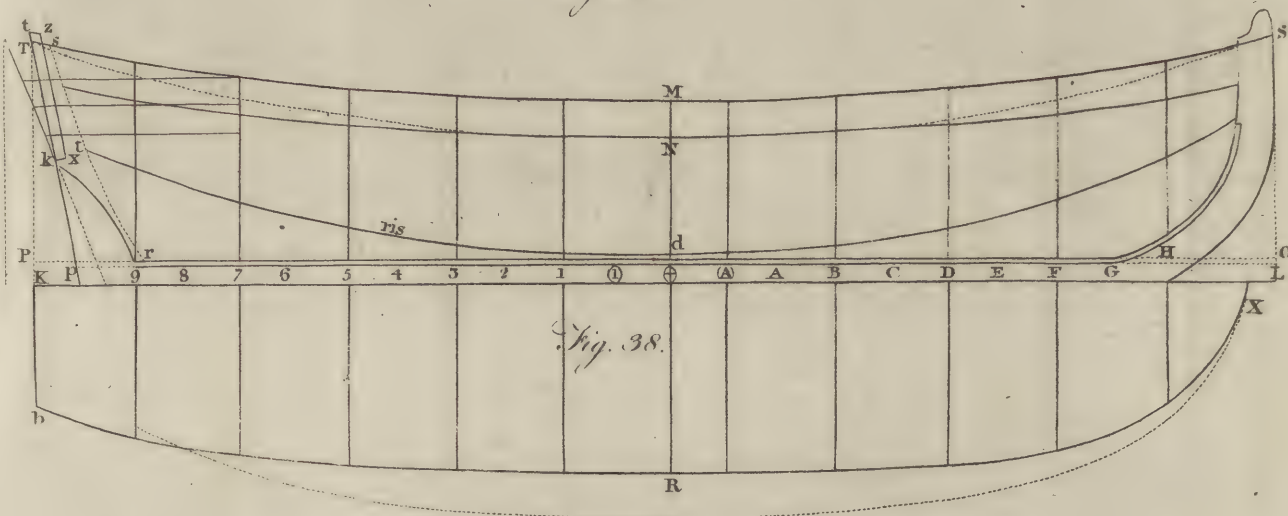


Fig. 29.

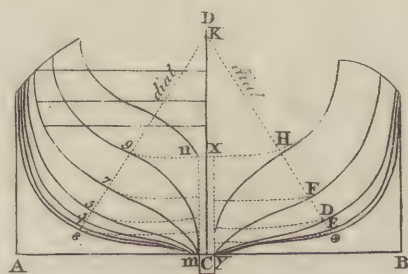


Fig. 40.



Fig. 41.

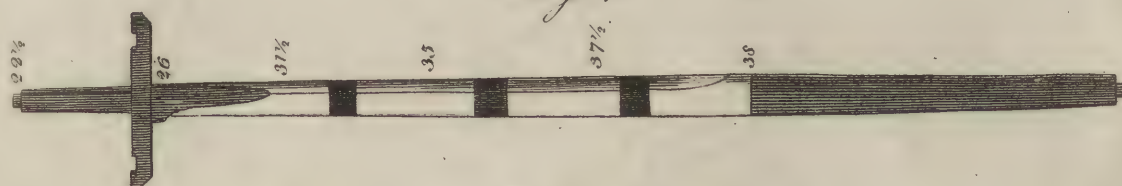


Fig. 42.

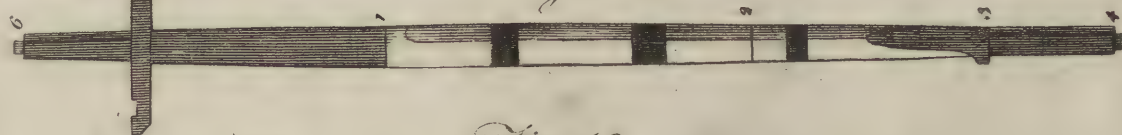
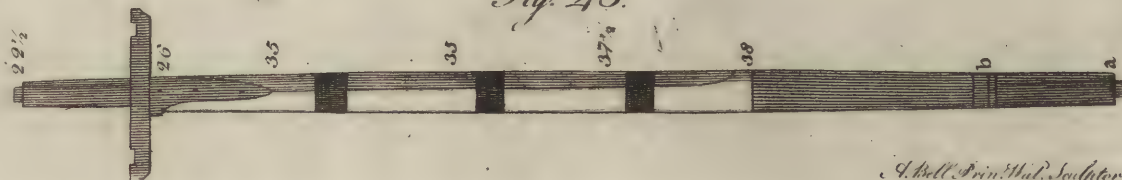


Fig. 43.



J. Bell Prin? Wal? Sculptor fecit:

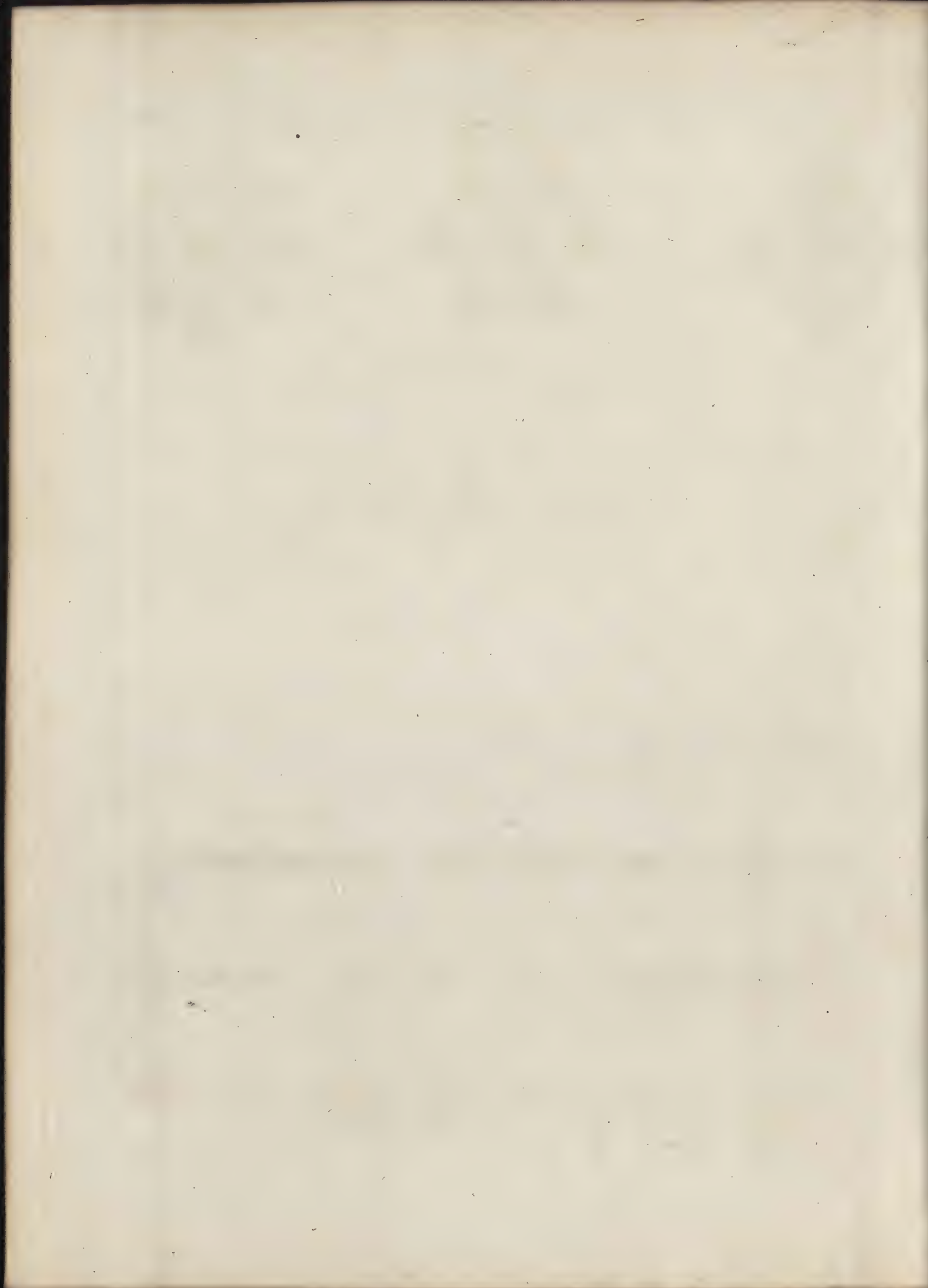
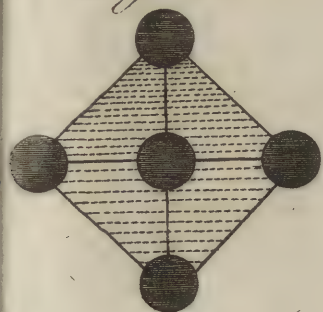


Fig. 44.



SHIP-BUILDING.

Fig. 45.

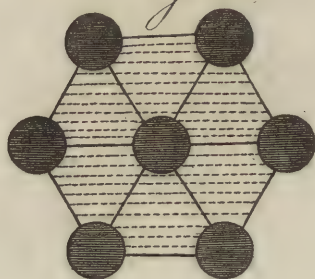


Plate CCCCCLXIV.

Fig. 46.

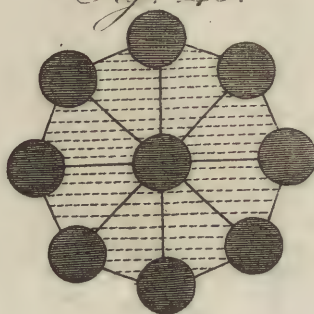


Fig. 49.

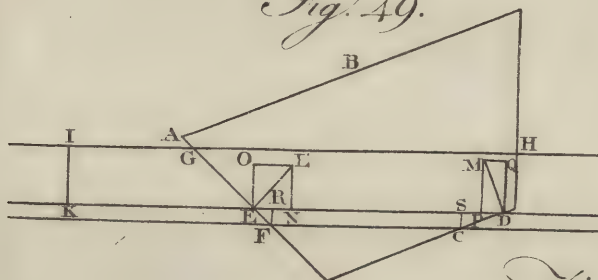
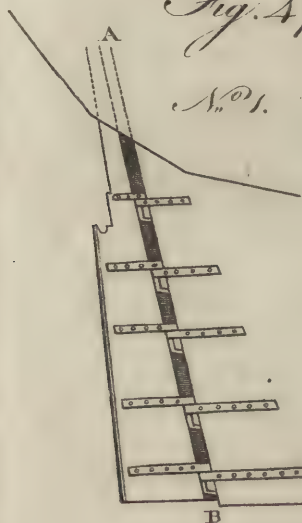


Fig. 47.

N^o 1.



N^o 2.



Fig. 50.

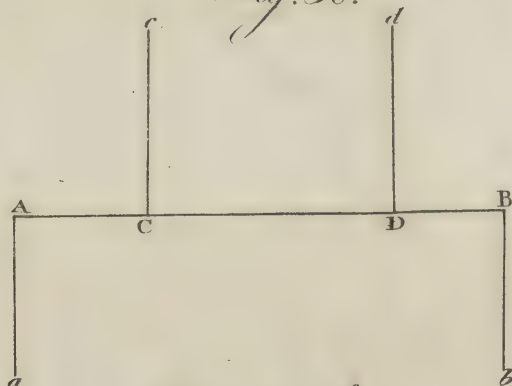
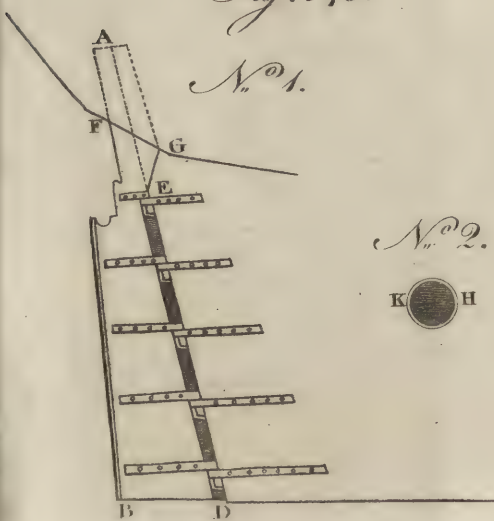


Fig. 48.

N^o 1.



N^o 2.



Apparatus for
Fig. 2. Seltzer water.

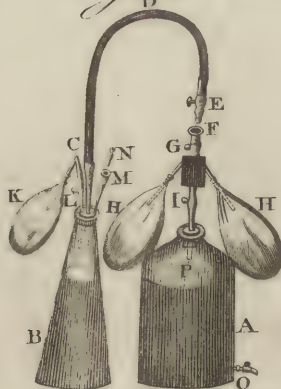


Fig. 1.



A. Bell Prin. Wal. Sculptor fecit.



Fig. 51.

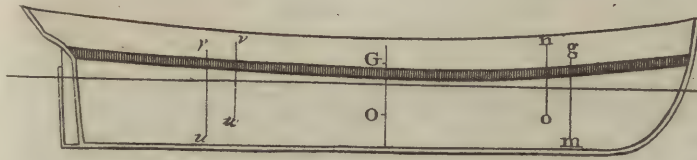


Fig. 52. *Fig. 53.*

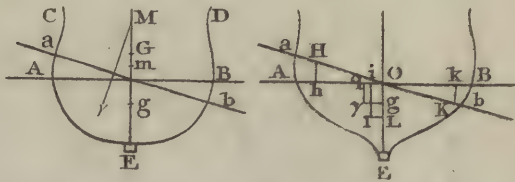


Fig. 54.

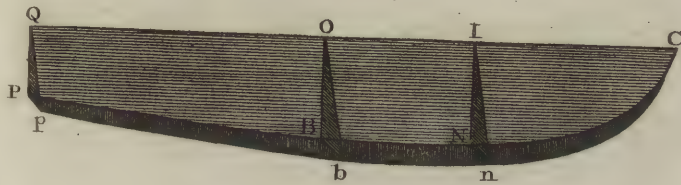


Fig. 55.

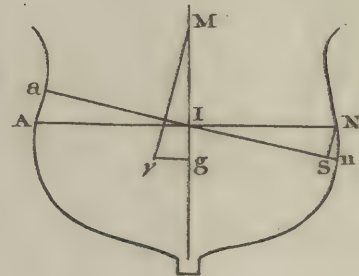


Fig. 56.

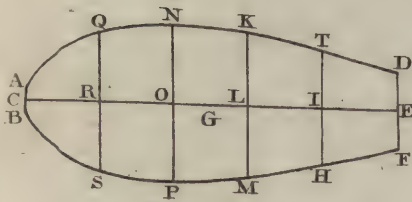


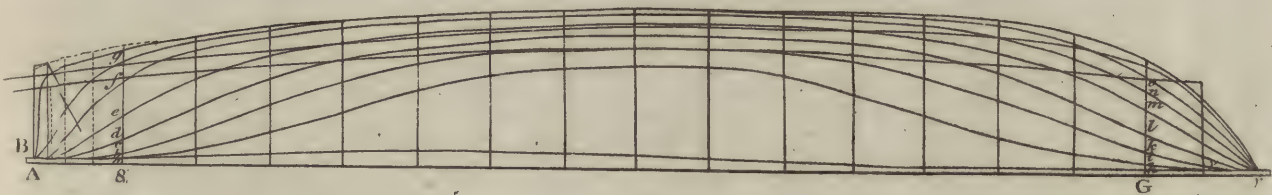
Fig. 57.

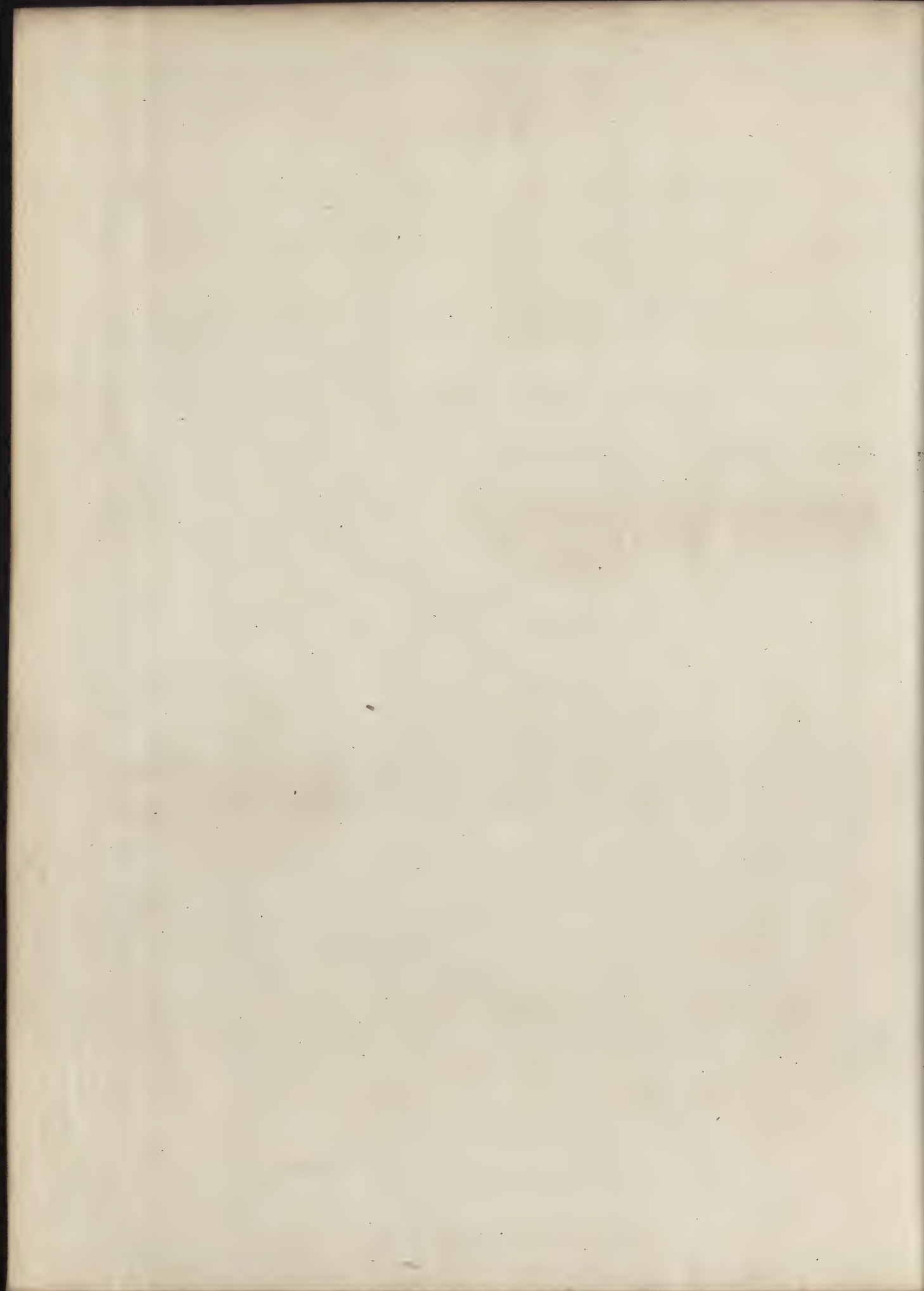


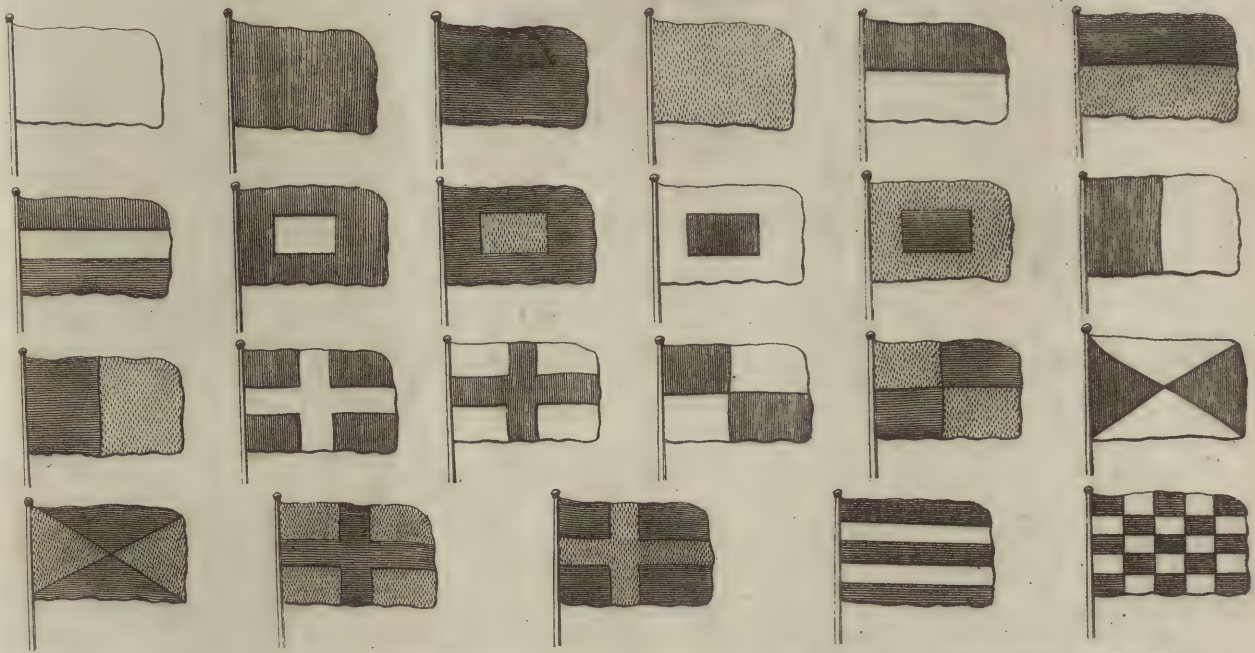
Fig. 58.



Fig. 59.

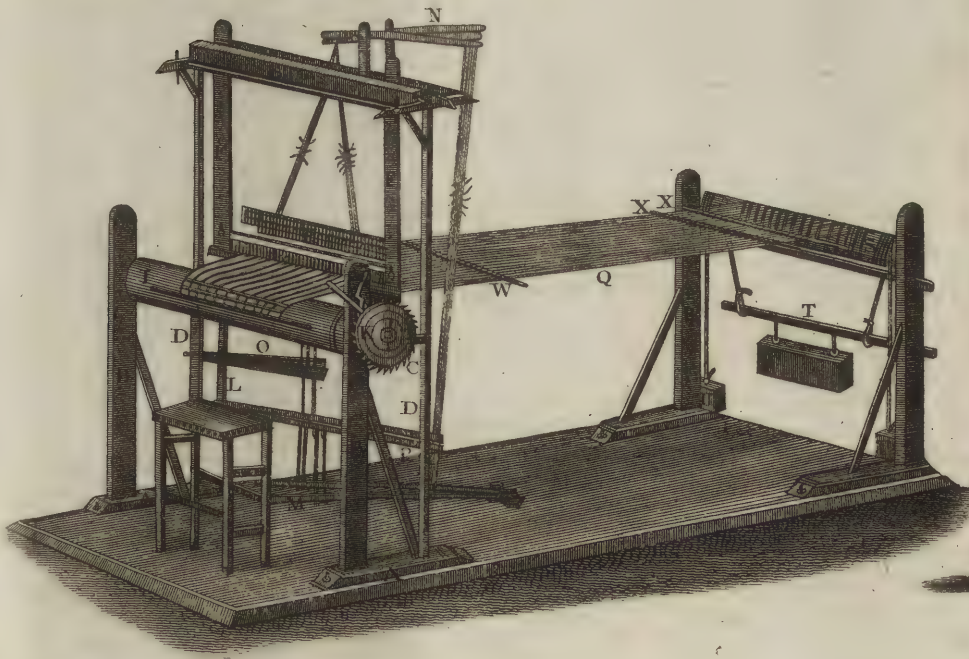




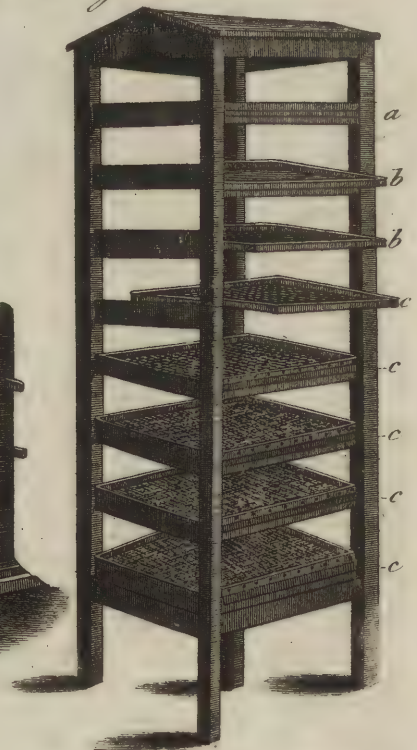


A Silk Loom

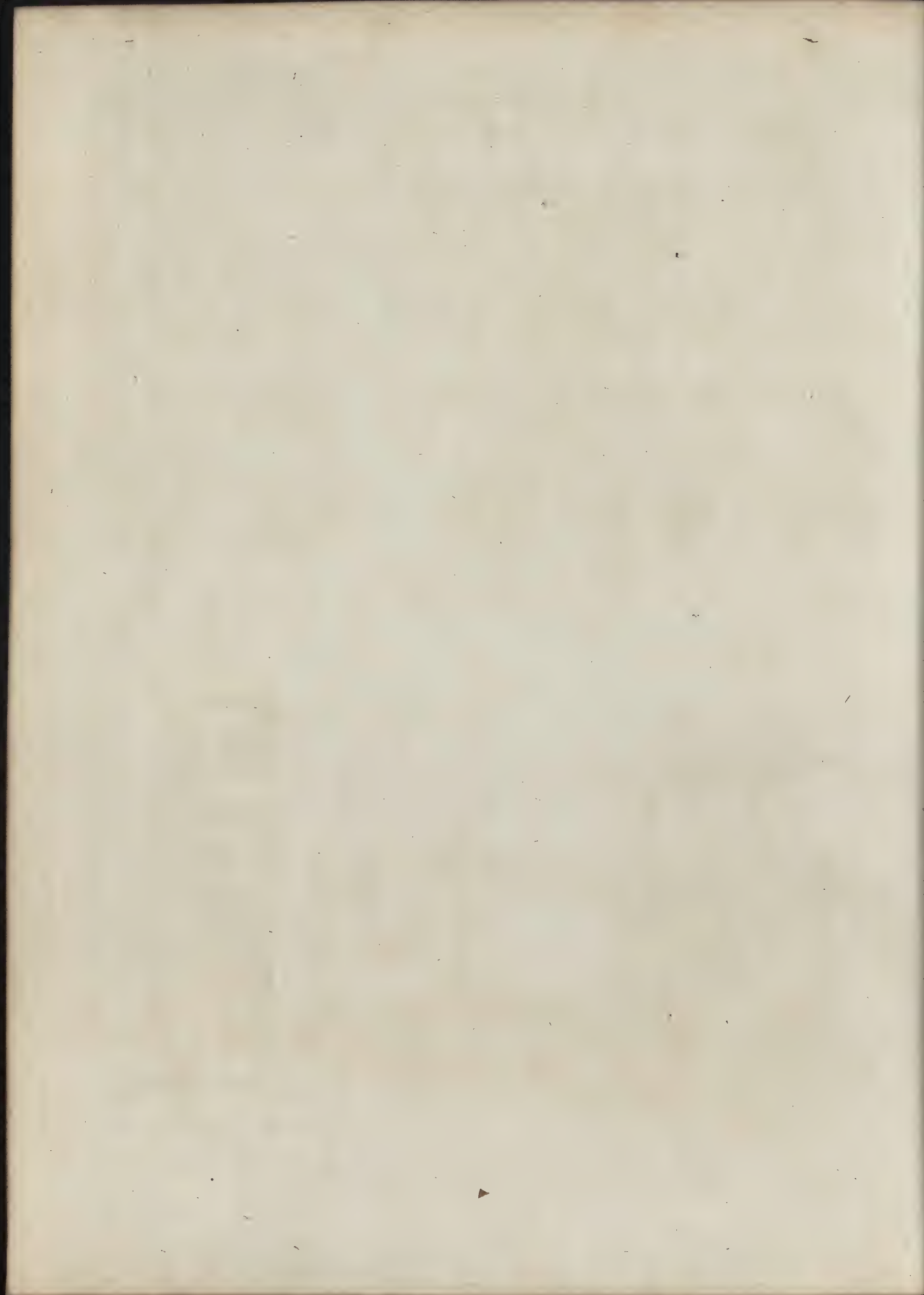
improved by M^r Sam^l Sholl.



*The Rev^d M^r Swayne's apparatus
for rearing Silk Worms.*



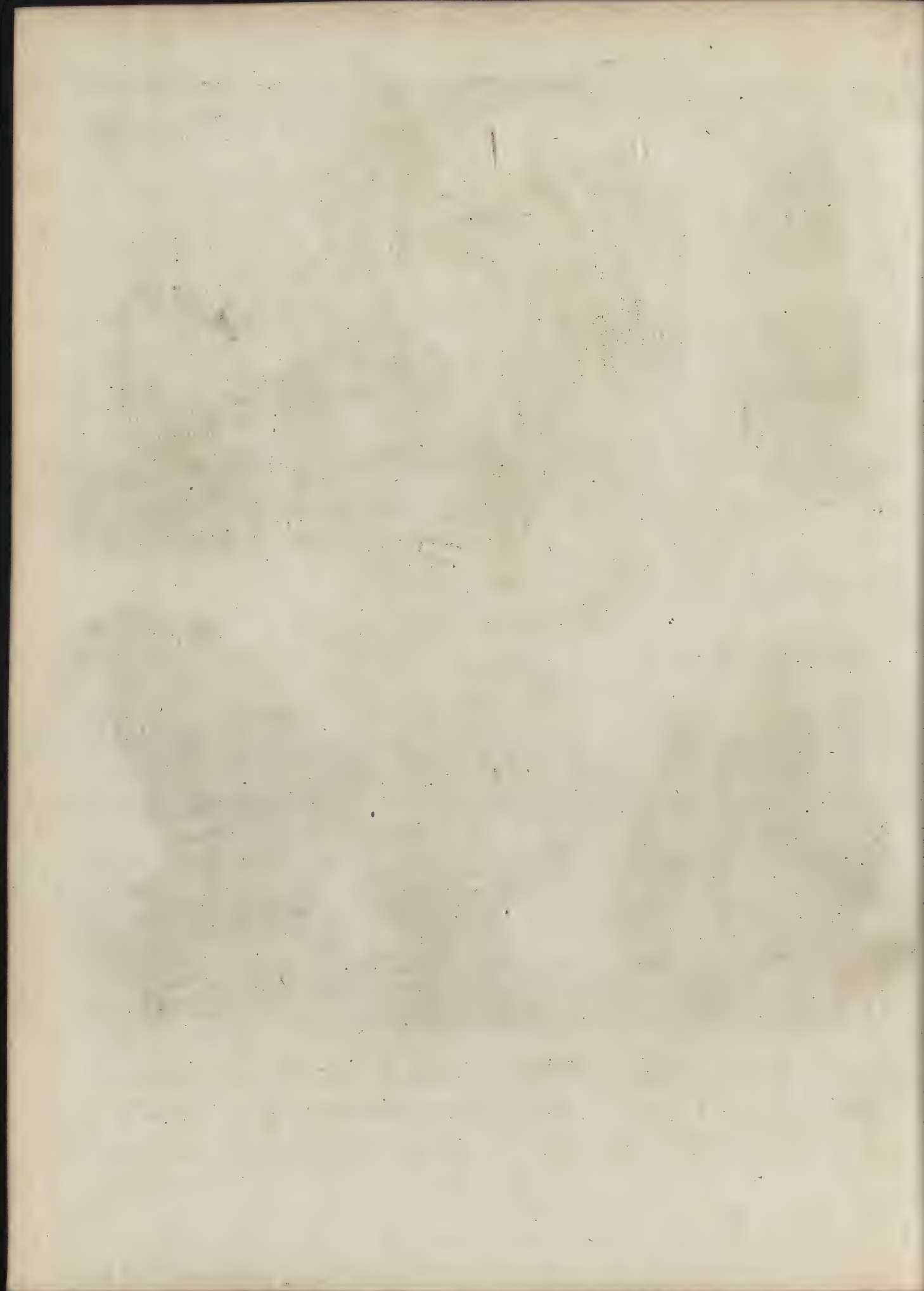
Sholl Prin. Nat. Sculptor fecit.





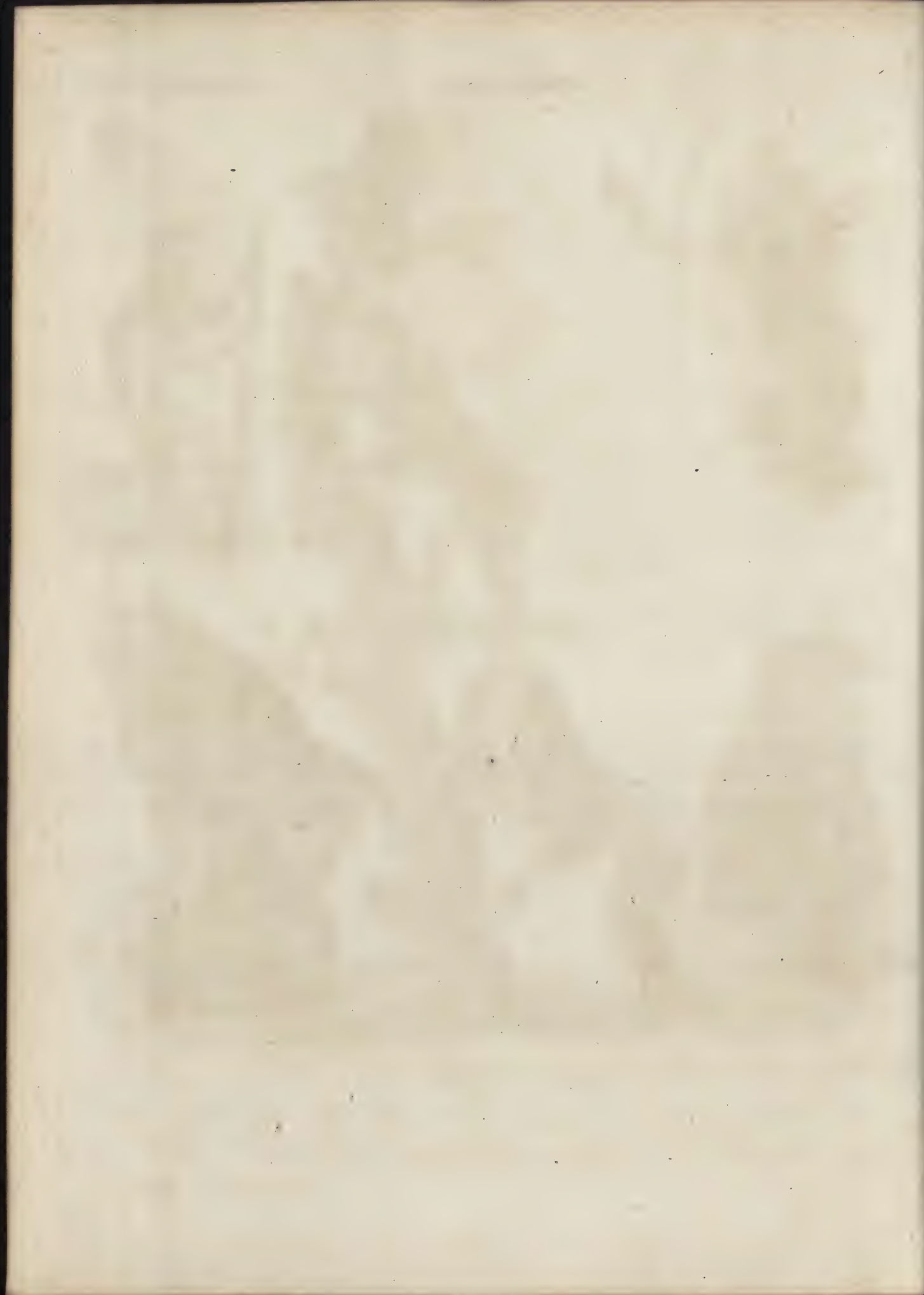
1. *Satyrius*, Ourang Outang. 2. *Pongo* or *Icho*. 3. *Simia Lar* or Great Gibbon.
 4. *Simia Lar Minor* or Little Gibbon. 5. *Silvanus* or Pygmy. 6 & 7. *Inuus* or Magot.

A. Bell Pinx. W. B. Sculpsit fecit.





8. *Nemestrina* or Pig-tailed Baboon. 9. *Sphinx* or Great Baboon. 10. *Apredia* or Little Baboon. 11. *Mormon* or Mantegar. 12. The Male *Maimon* or Mandril. 13. The Female *Mandril*. 14. *Silvaticus* or Wood Baboon. _____



22.



16.



20



21.



19.



17.



15.

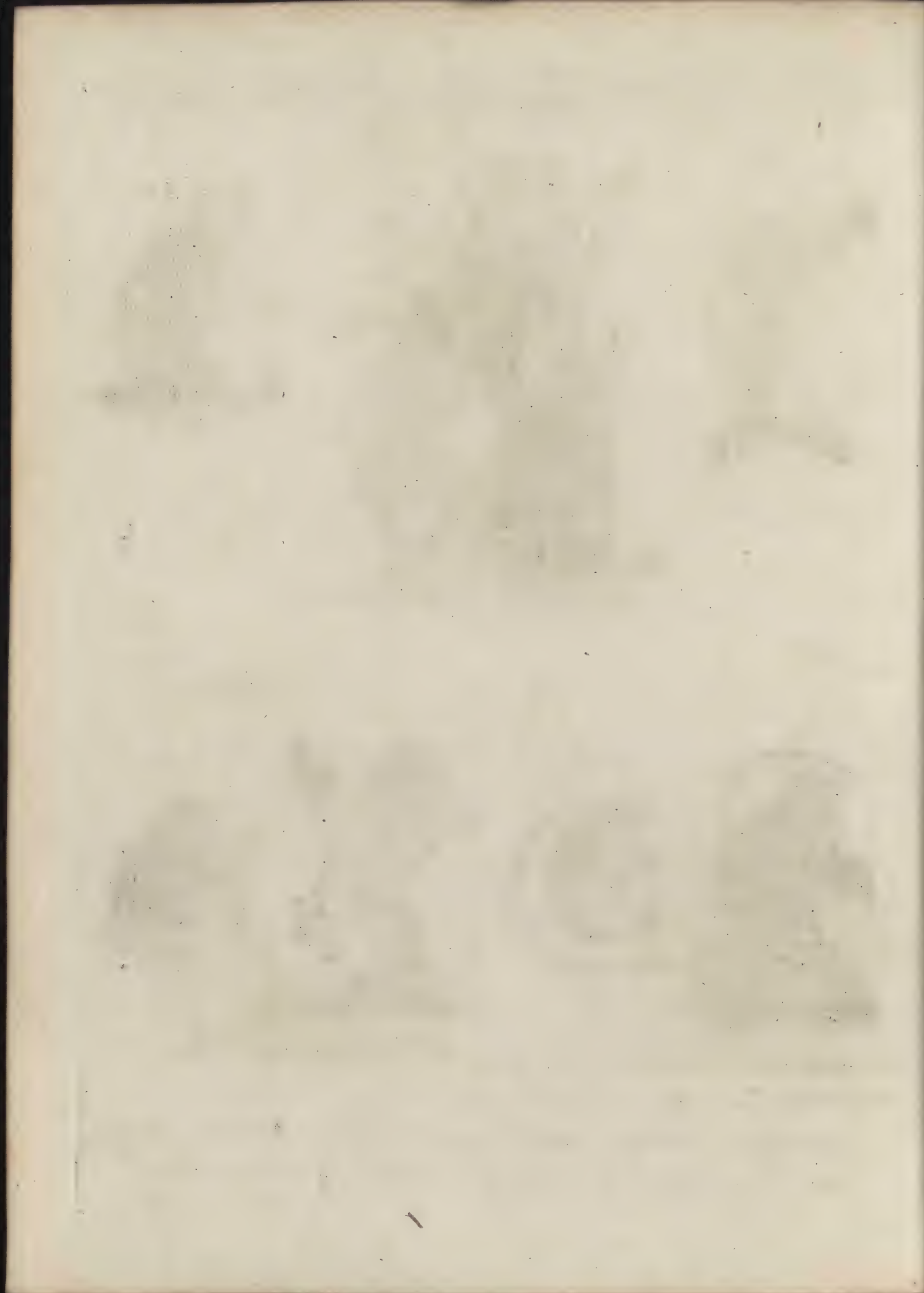


18.



15. *Hamadryas* or Dog-faced Monkey. 16. *Silenus albibarbatus* or Lion-tailed Monkey. 17. *Cynomolgus* or Hare-lipped Monkey. 18. *Cynocephalus* or Dog-headed Monkey. 19. *Salvus* or Green Monkey. 20. *Ethiops* or Mangabey. 21. *Tygula* or Egret. 22. *Corcospithecus regalis* or King Monkey.

A. Bell Pinx. W. A. Sculptor fecit.



23.

24.

25.



SIMIÆ. Sagoins.

29.

28.

27.

26.



Sapajous 23. Beelzebub or Preacher Monkey. 24. Capucinus. Sai or Weeper. 25. Fatuellas or Horned Sapajou.

Sagoins 26. Tacchus or Striated Monkey. 27. Cediplus or Red tailed Monkey. 28. Rosalius or Silky Monkey. 29. Midas or Great eared Monkey.



Fig. 1.

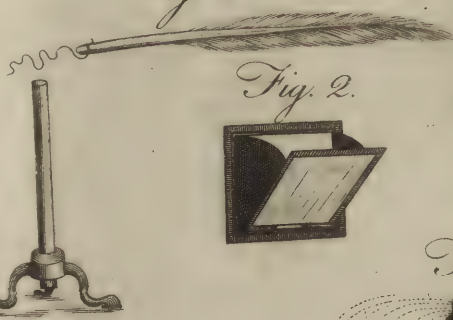


Fig. 2.

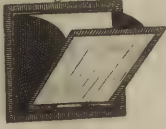


Fig. 3.

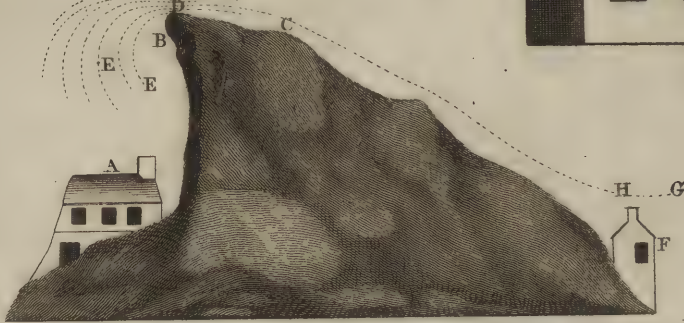


Fig. 4.

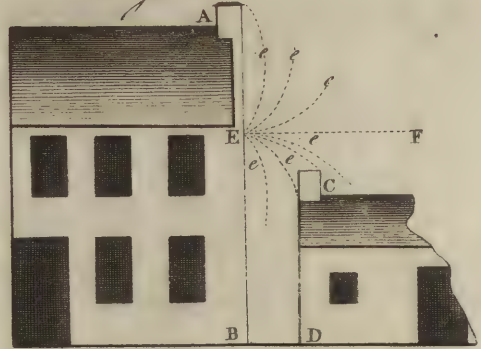


Fig. 5.

SMOKE JACK.

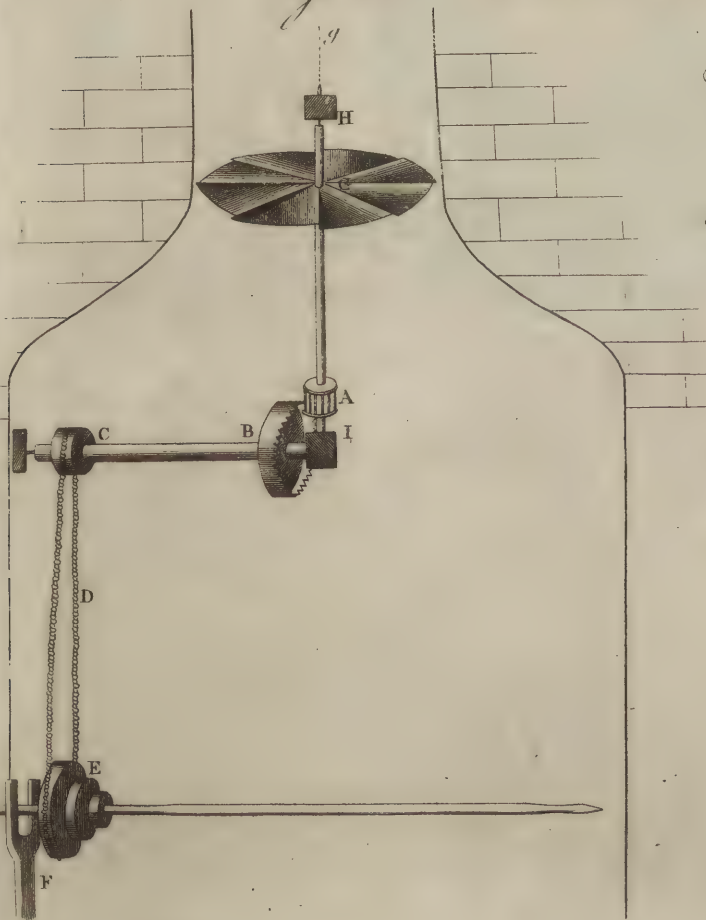


Fig. 7.

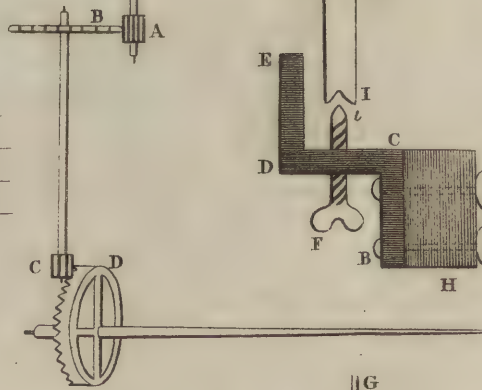


Fig. 8.

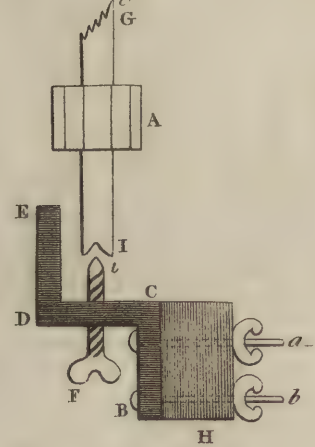
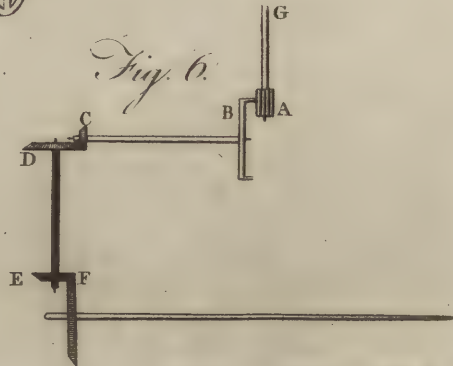
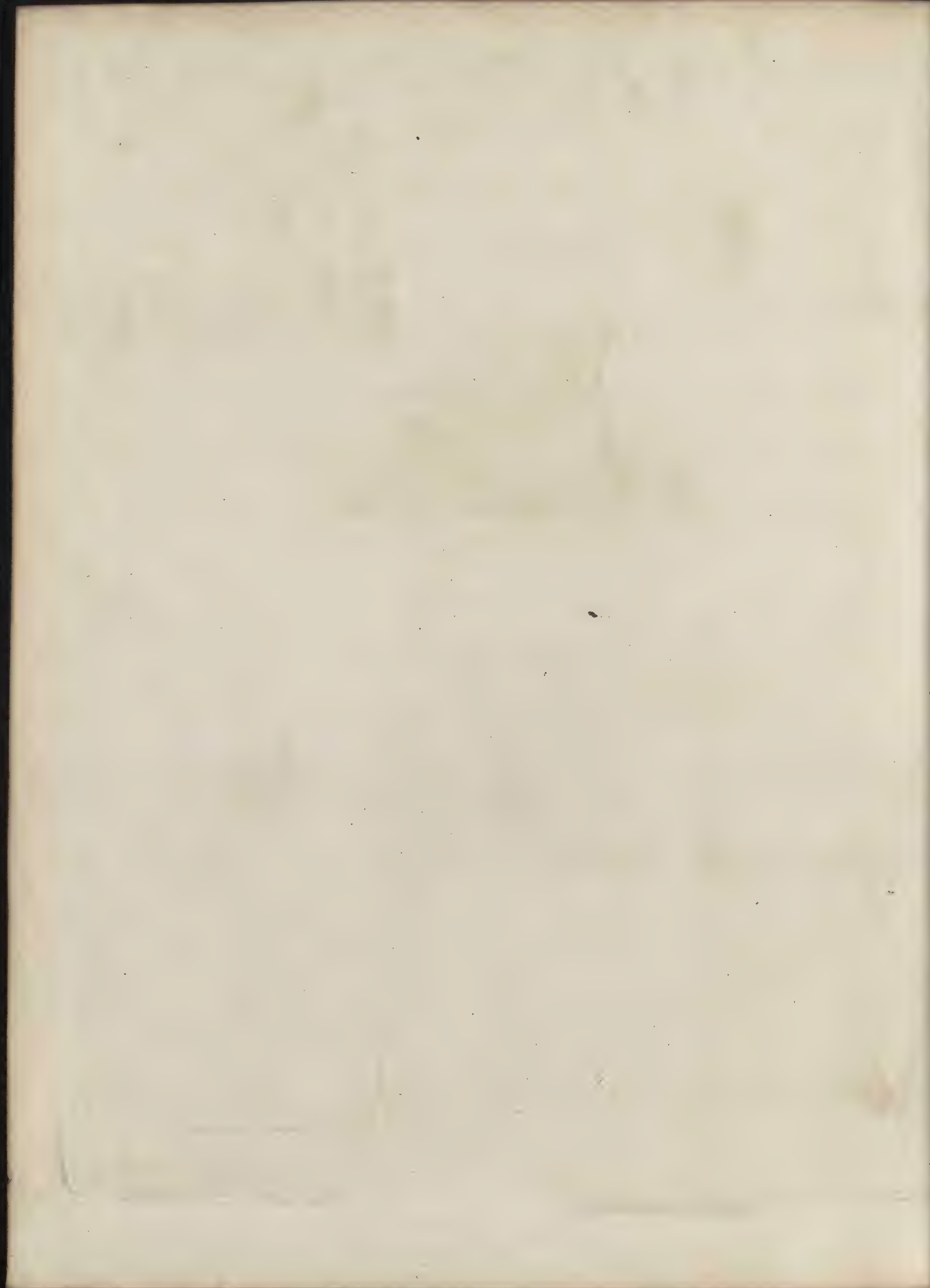


Fig. 6.





Specific Gravity.

Spirituous Liquors. Plate CCCCXLXII.

Fig. 1.

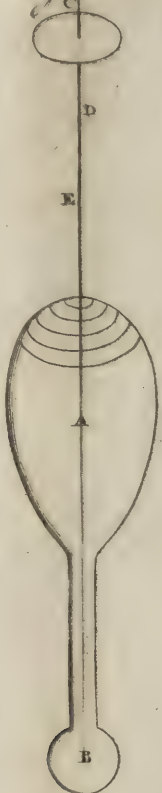


Fig. 2.

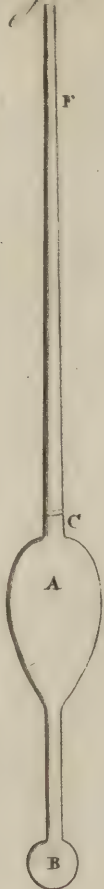
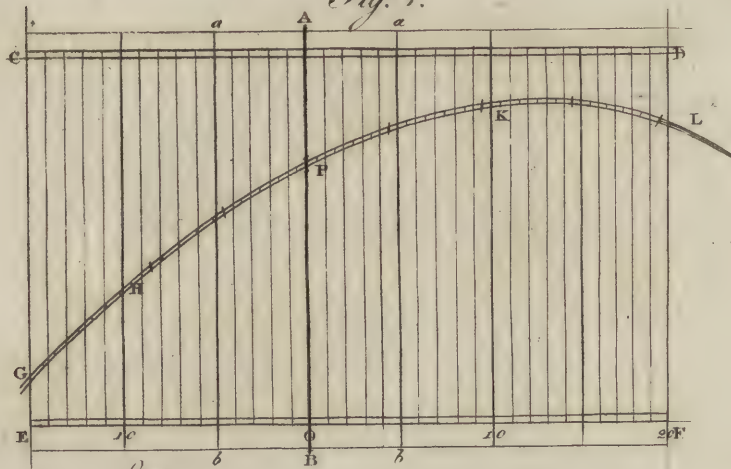


Fig. 3.



Rocking Stone.

Fig. 7.

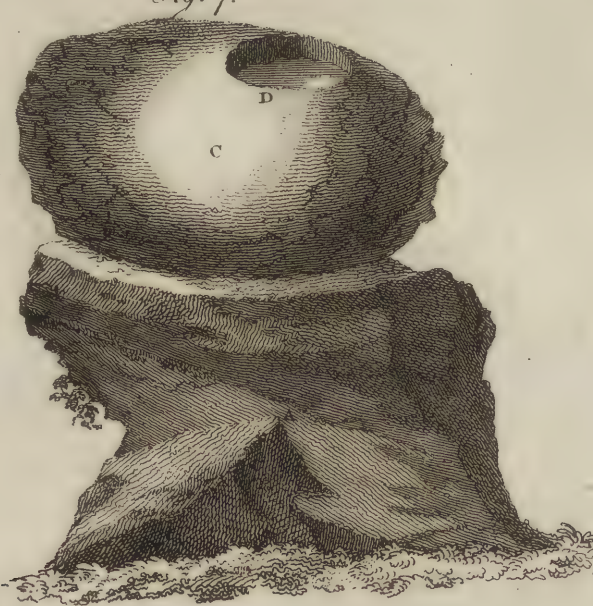
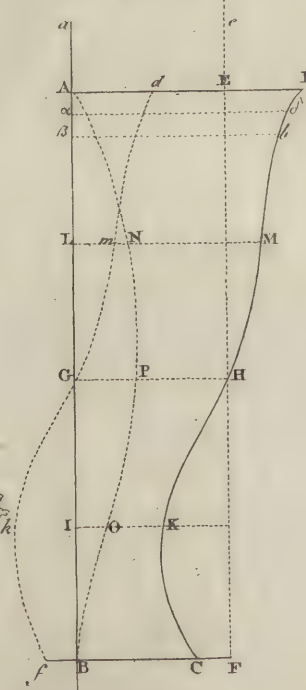


Fig. 4.



Steam Kitchen.

Fig. 5.

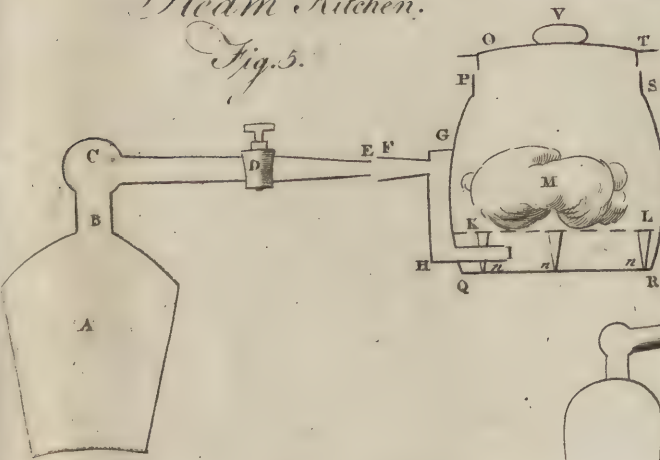
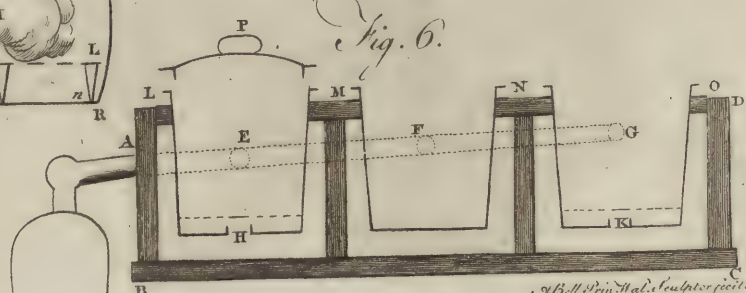


Fig. 6.



W. Bell, Sculp. del. & sculp. fecit.



Measures W from London. 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44

BAY OF BISCAY

Dutch Standard Miles.
10 20 30



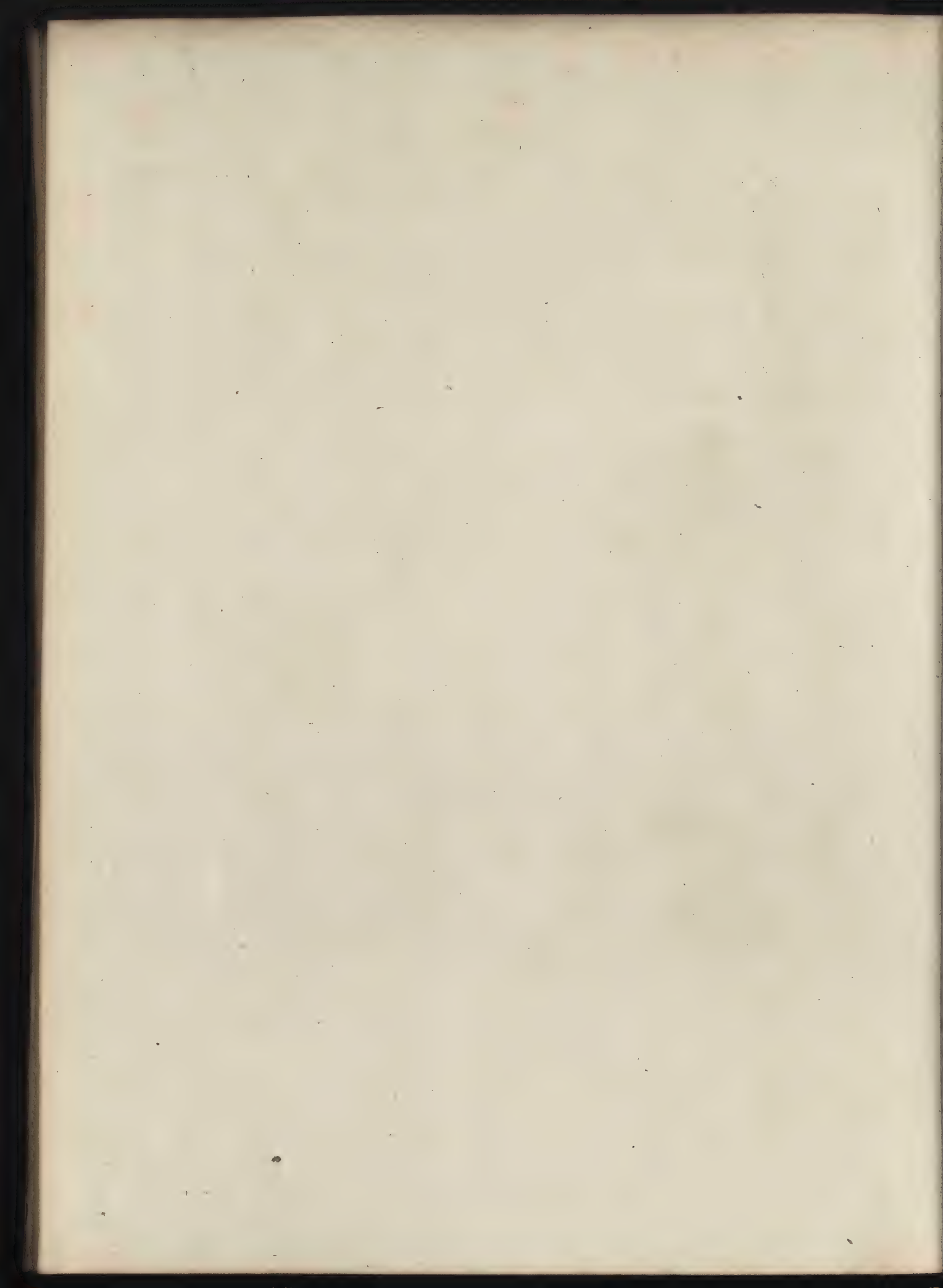
XL Minutes of Time.

XX

Meridian of London.

After P. N. H. de la Haye.





SPONGES.

Plate CCCCXXV.

Fig. 4.



Fig. 2.



Fig. 1.

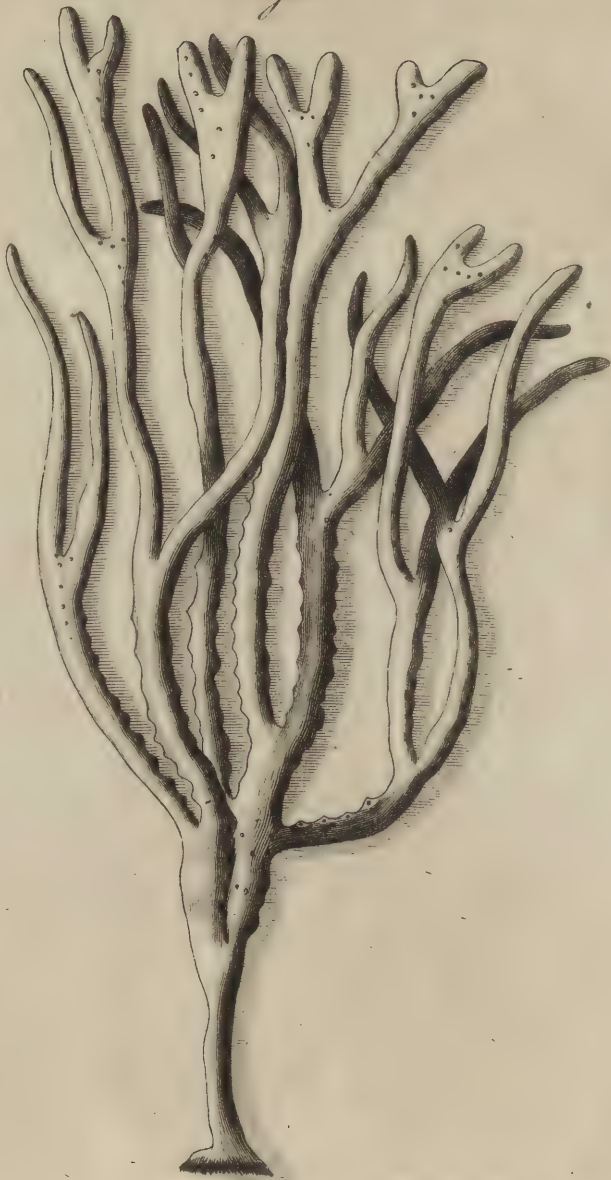
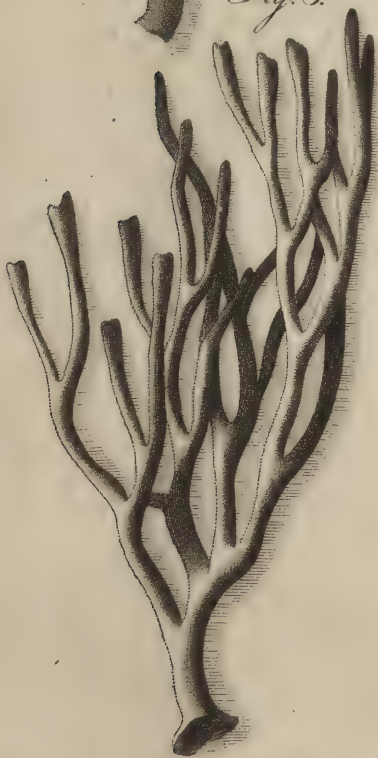
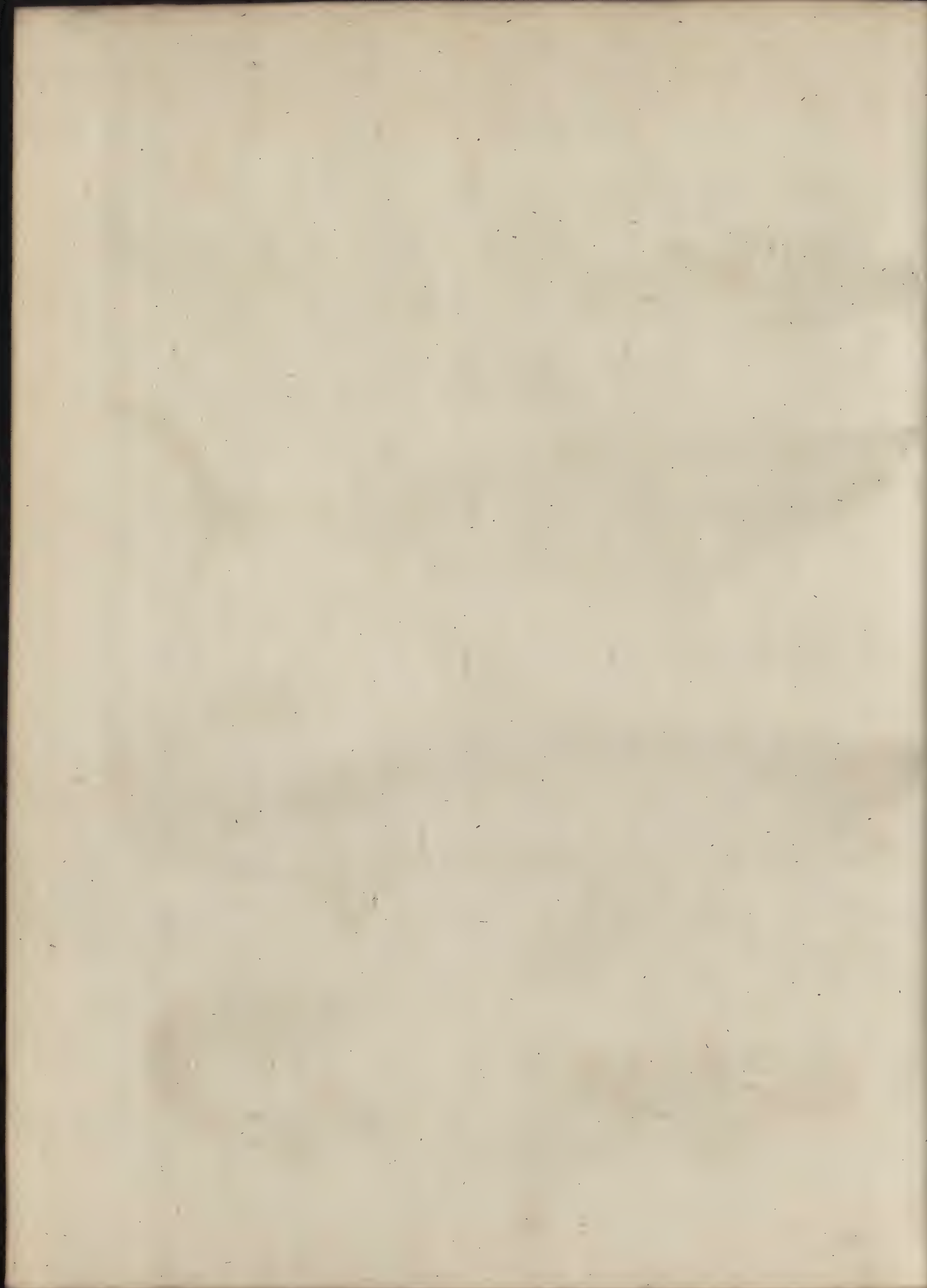


Fig. 3.



A. Bell Pin. H. & A. sculptor fecit.



Zygæna or Balance Fish.



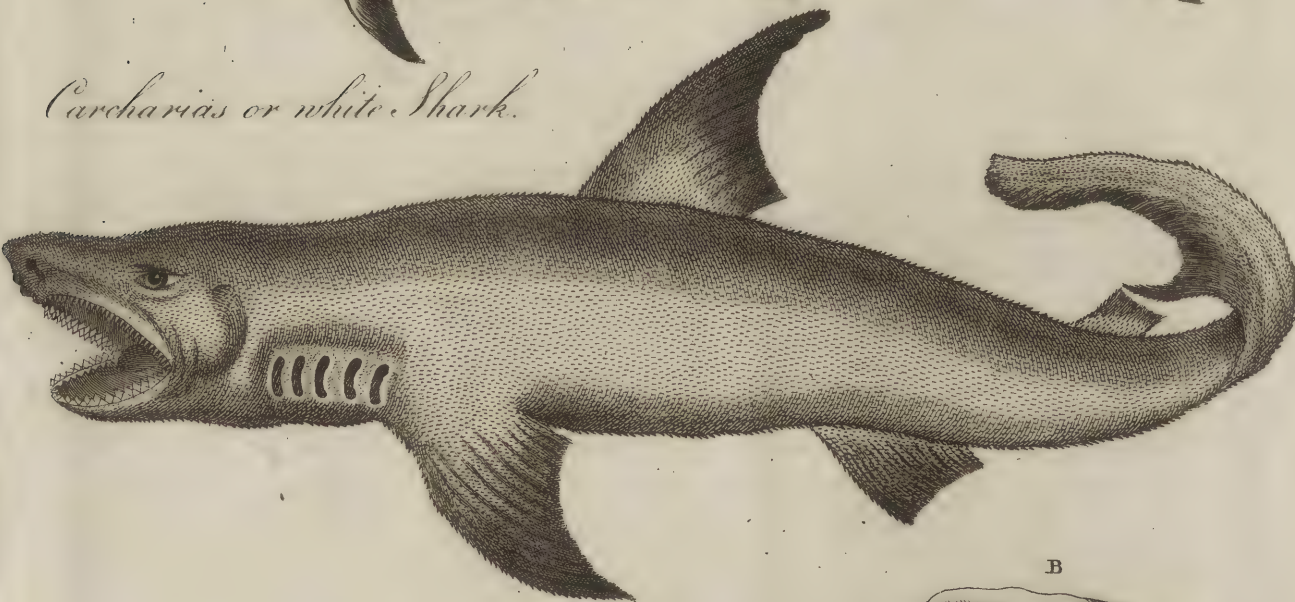
Tigrinus or Tigre.



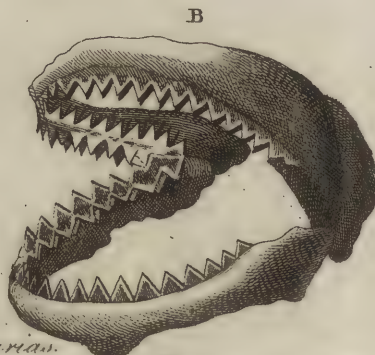
Maximus or Basking Shark.



Carcharias or white Shark.



A. A front view of the Tigre's head.



B. The jaws and head of the Carcharias.

W. Bull. Pin. Ital. Sculp. 1800

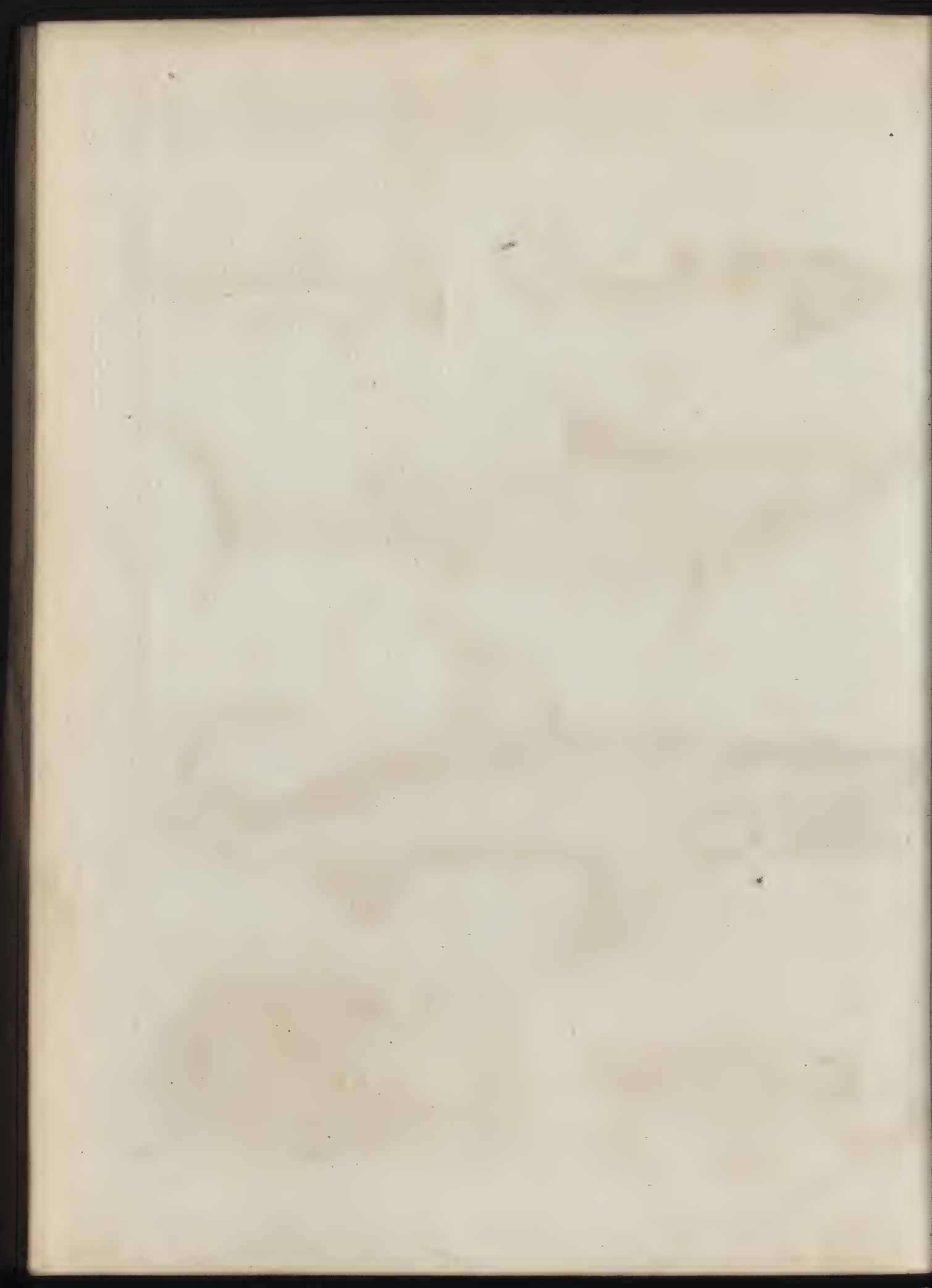


Fig. 2.

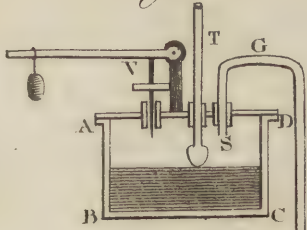


Fig. 1.

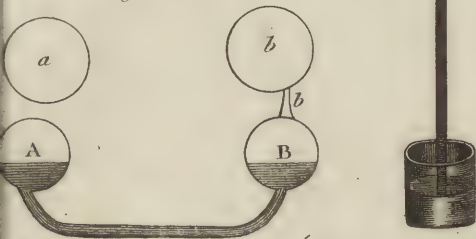


Fig. 6.

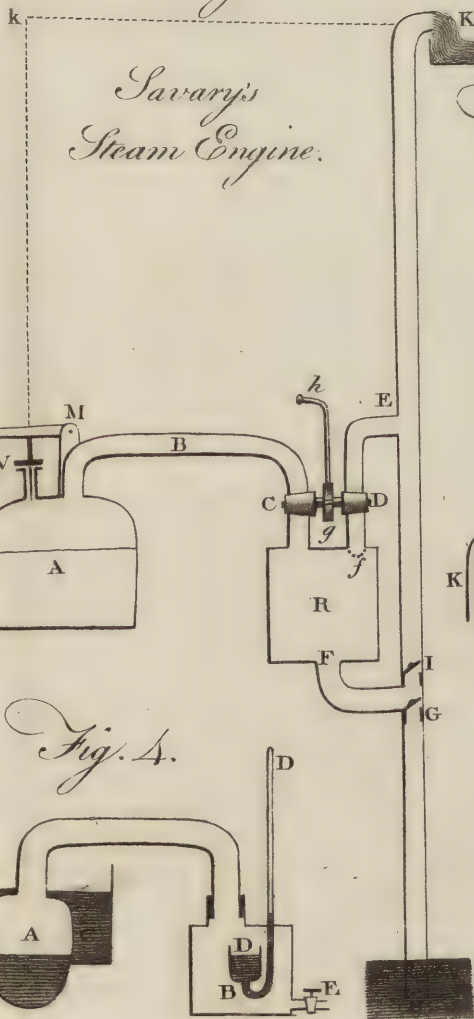


Fig. 3.

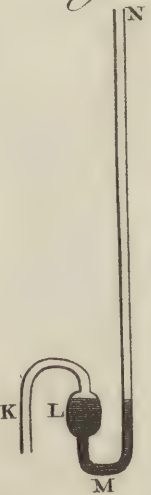


Fig. 7.

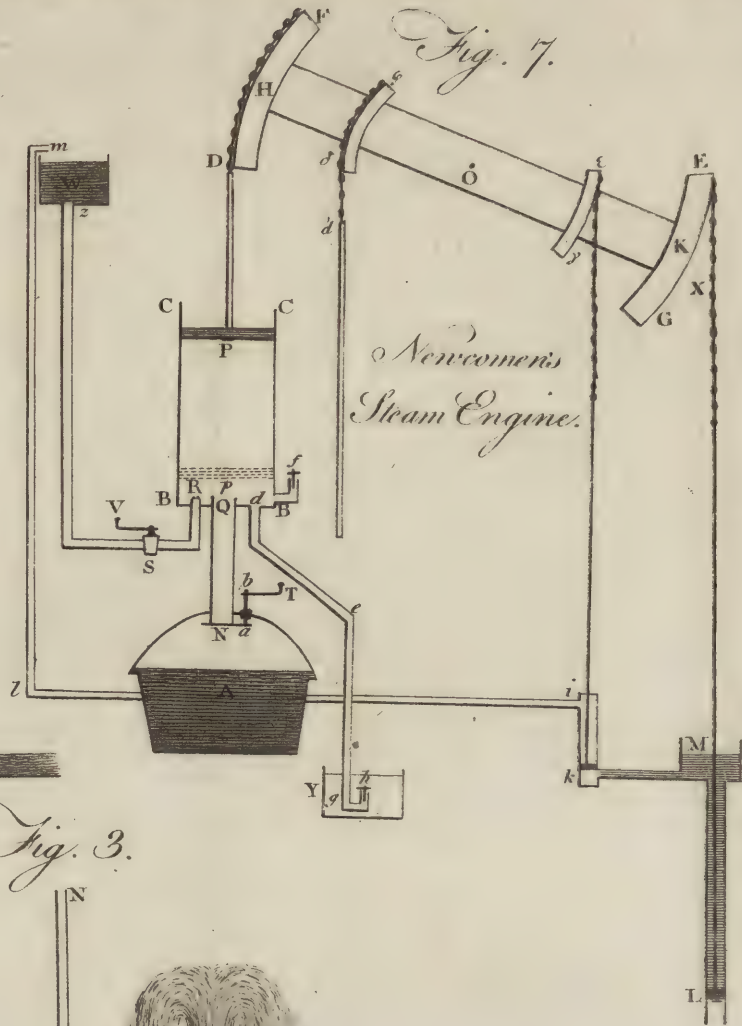
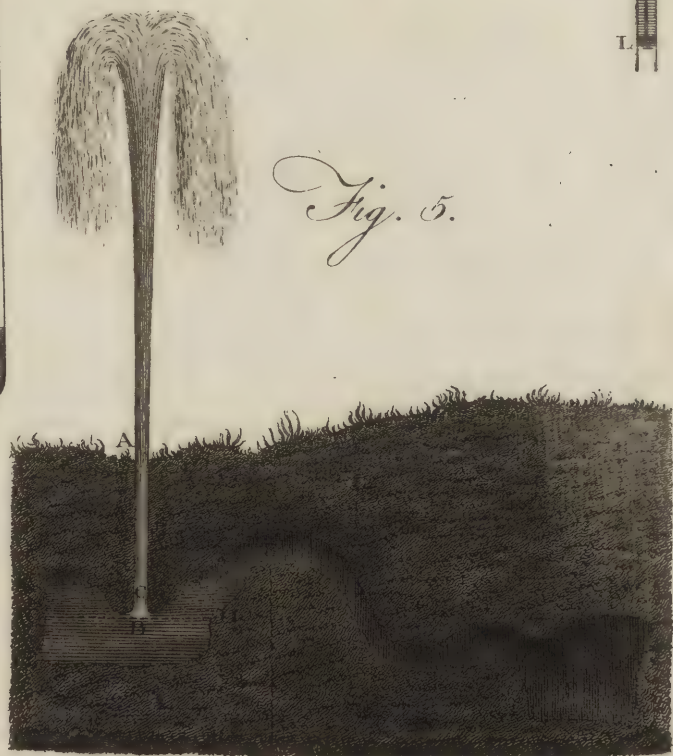
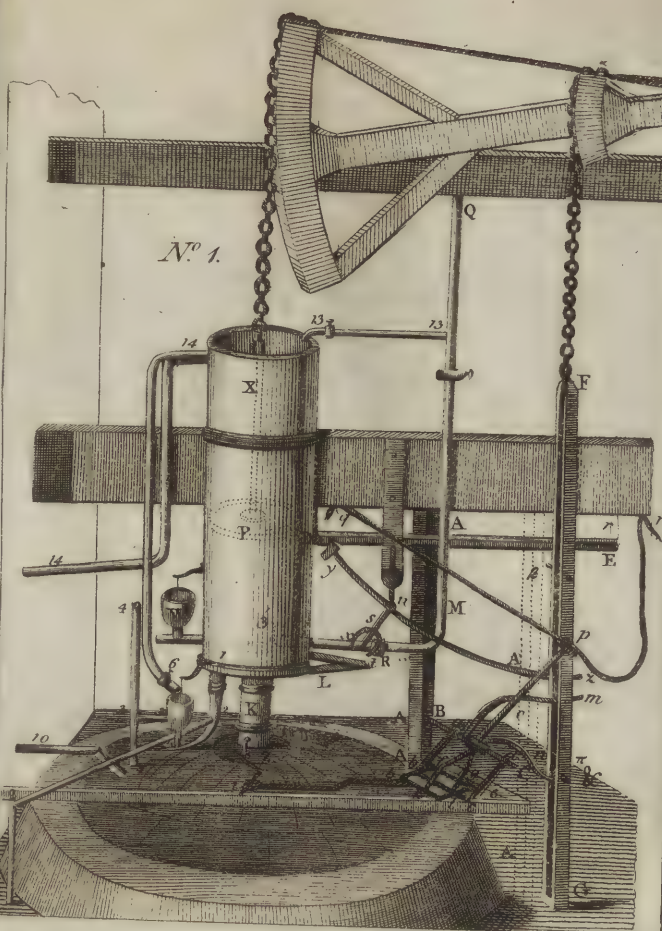


Fig. 5.





N^o 1.



N^o 2.

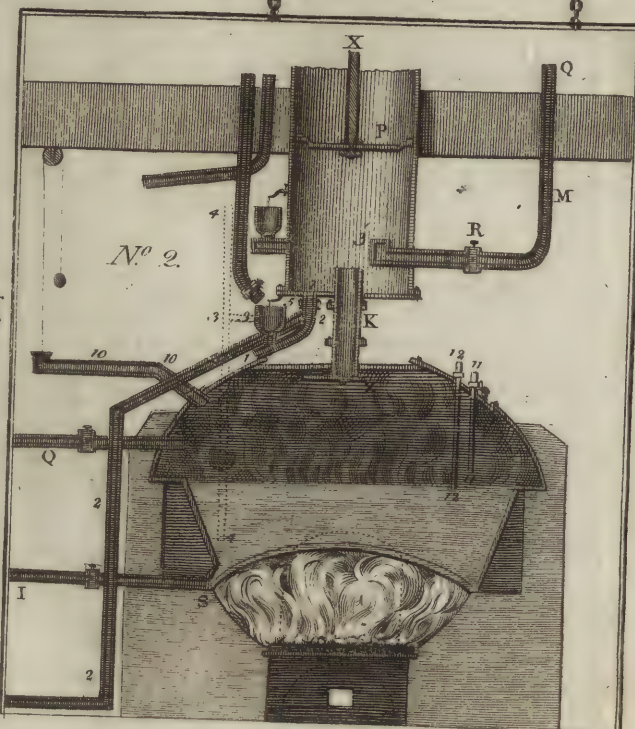


Fig. 9.

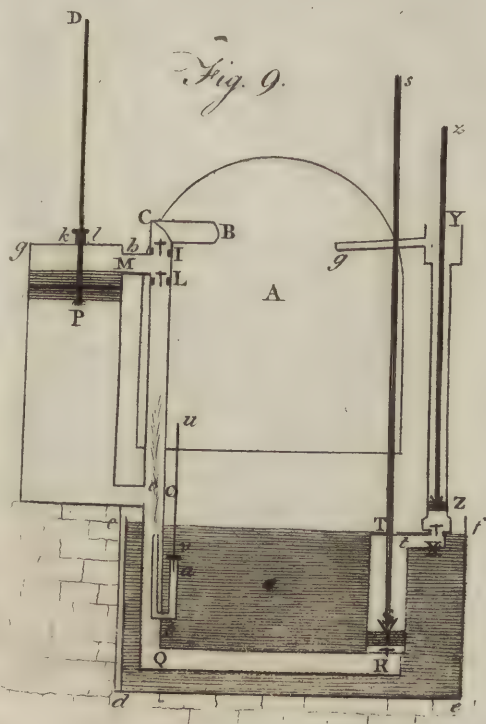
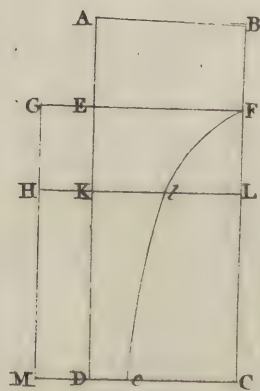
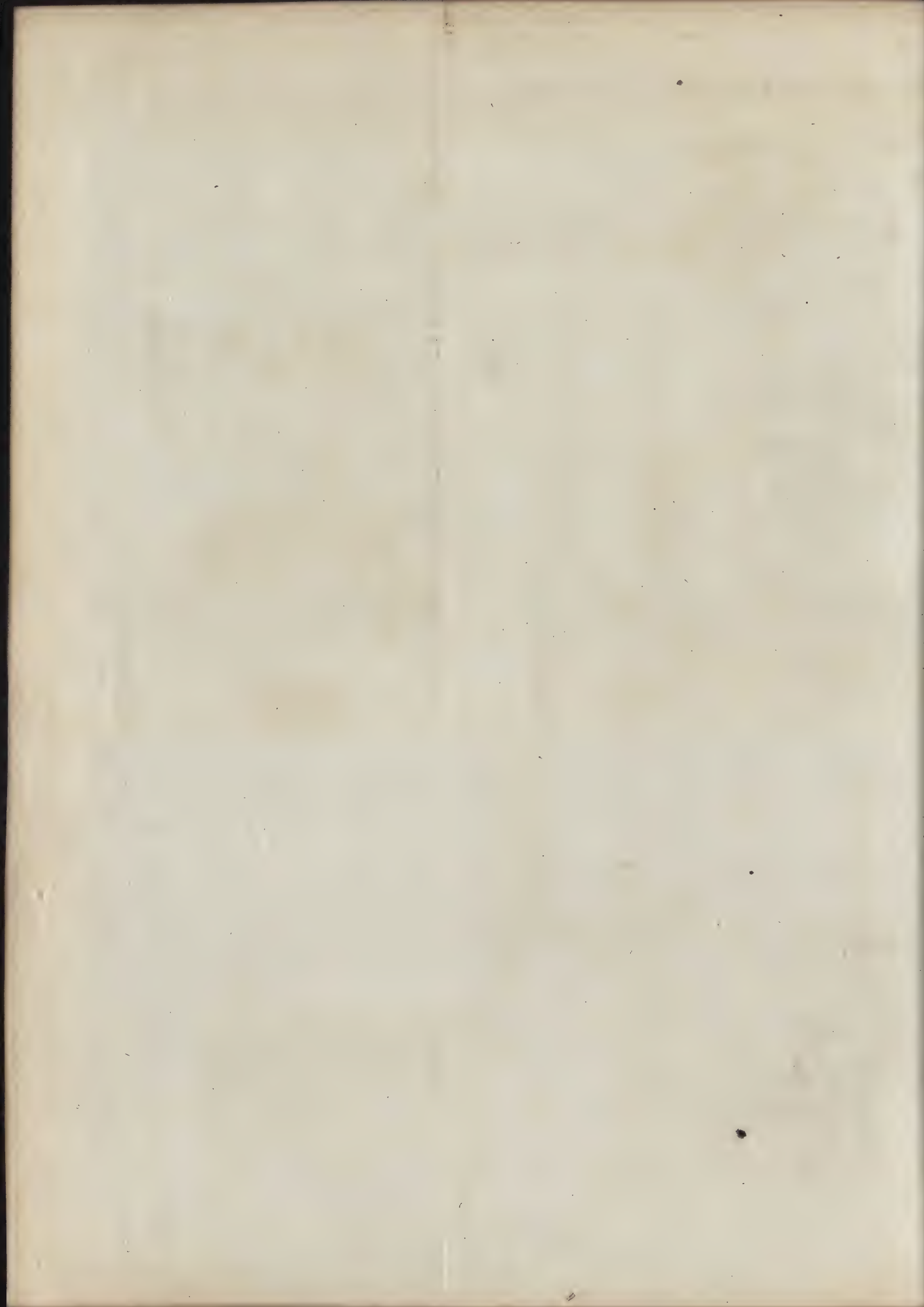
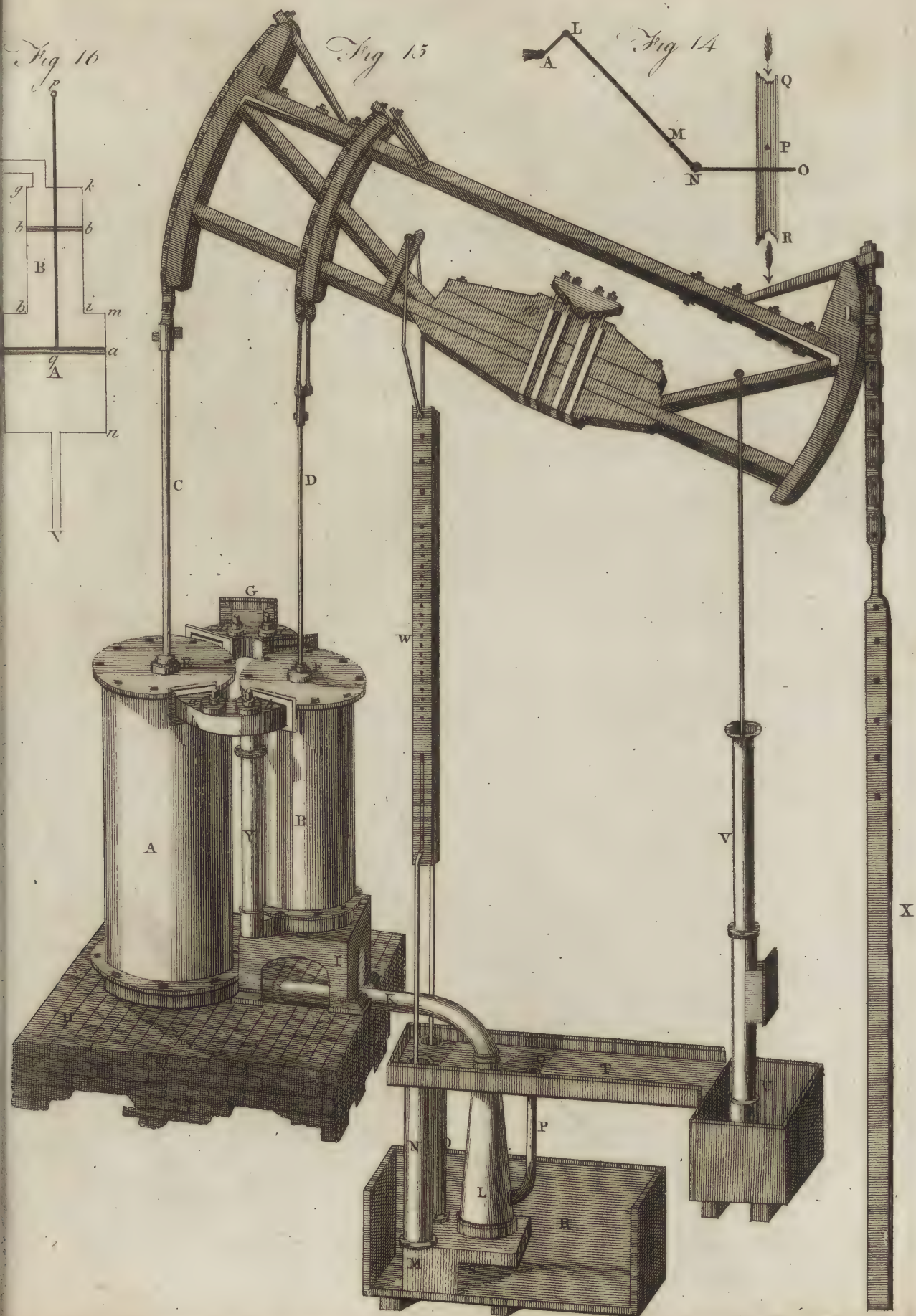


Fig. 10.



A. Bell, Print. & Co. Sculptor. fecit.





A. Bell, Prin. Nat. Sculptor. &c.



Fig. 1.

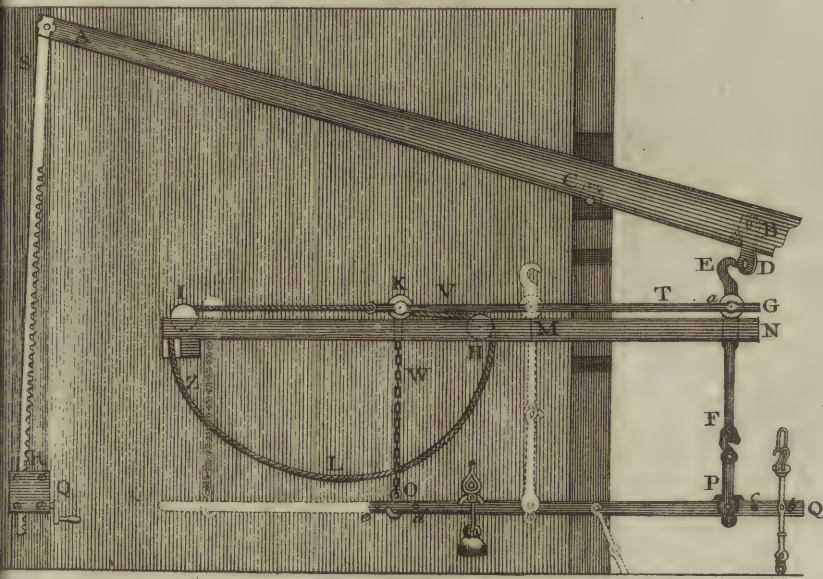


Fig. 2.

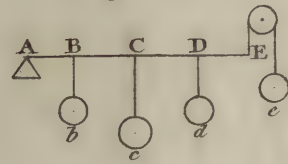


Fig. 3.

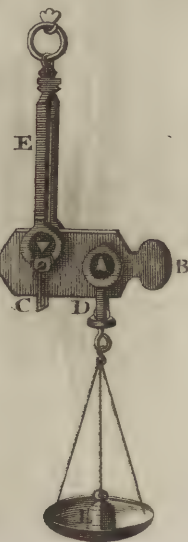


Fig. 5.

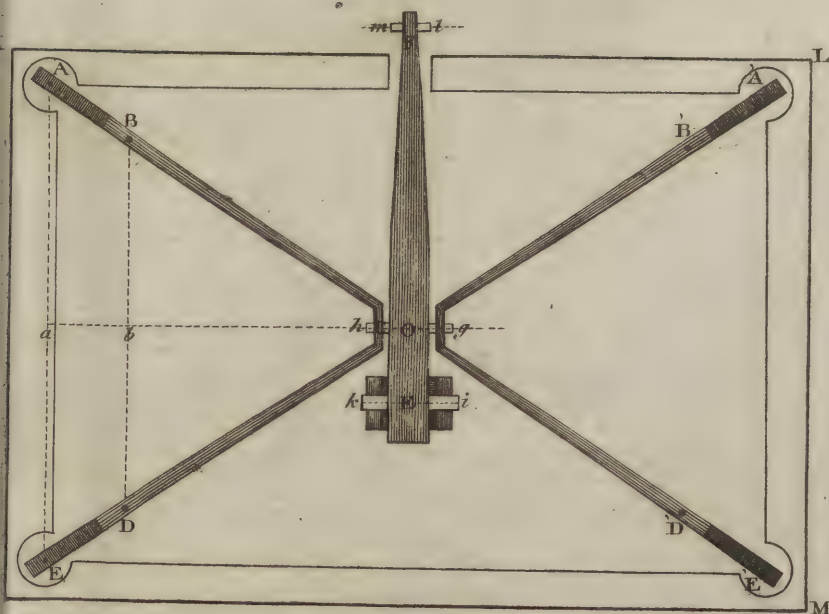


Fig. 3.

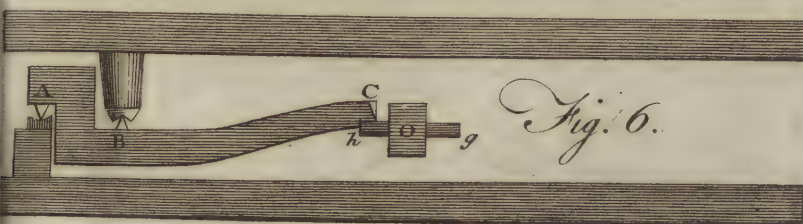
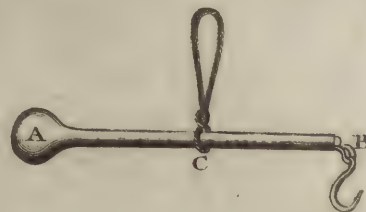


Fig. 6.

Plate CCCCLXXII.

PREPOSITIONS

and

TERMINATIONS.

Prepos.	Char.Ex.	Signifi.	Term.	Char.Ex.	Signifi.
ab's ab's	c	abstain	able ible	c	stable
ante ante	'	antidote	flict		
anta	'		flect		
contr-i-a			full	a	conflict
contre	'	counterfeit	ference		
counter			ing	o	thing
dis-urcom	o	discompose	ings	.	things
hyp-o-er	f	hypocrite	tion cwin		
magn-i-a	n	magnify	sian	o	petition
multi	n		cian	b	
omni	.	omniscience	tian &c		
nt-er-ro	u	entertain	tions &c	.	petitions
nter	u		sips &c	p	
post			sus sus		
proter	p	postpone	tious	n	thesis
recon			cious &c		
recom	t	reconcile	less	i	harmless
salis			ment	n	indictment
super	-	satisfy	self		
circum					
trans	i	transfer	tract	-	substract
xt-er-in			strict		
atru	d	extirpate	ward	-	forward

Points.

A Comma	:	A Semicolon	;
A Colon	:	A Period	.
A Point of Interrogation	?		
A Point of Admiration	!		

Abbreviating Marks

A Substantive	!	Division	5
An Adjective	!	Divisible	5
A Verb	!	Divide	5
A Participle	!	Dividing	2

The LORDS Prayer.

$\frac{1}{2} \text{ 磅 } = 1 \text{ 磅 } + \frac{1}{2} \text{ 磅}$

A. Bell Prin. Mat. Sculptor f. 1.

FABRICIUS' Reply to PYRRHUS.

[illegible]

LETTER &c. 50-2446 n 5 e 12.01/2.07/5

ST. PAUL'S SPEECH.

[illegible]POPE *to* ATTERBURY.[illegible][illegible]

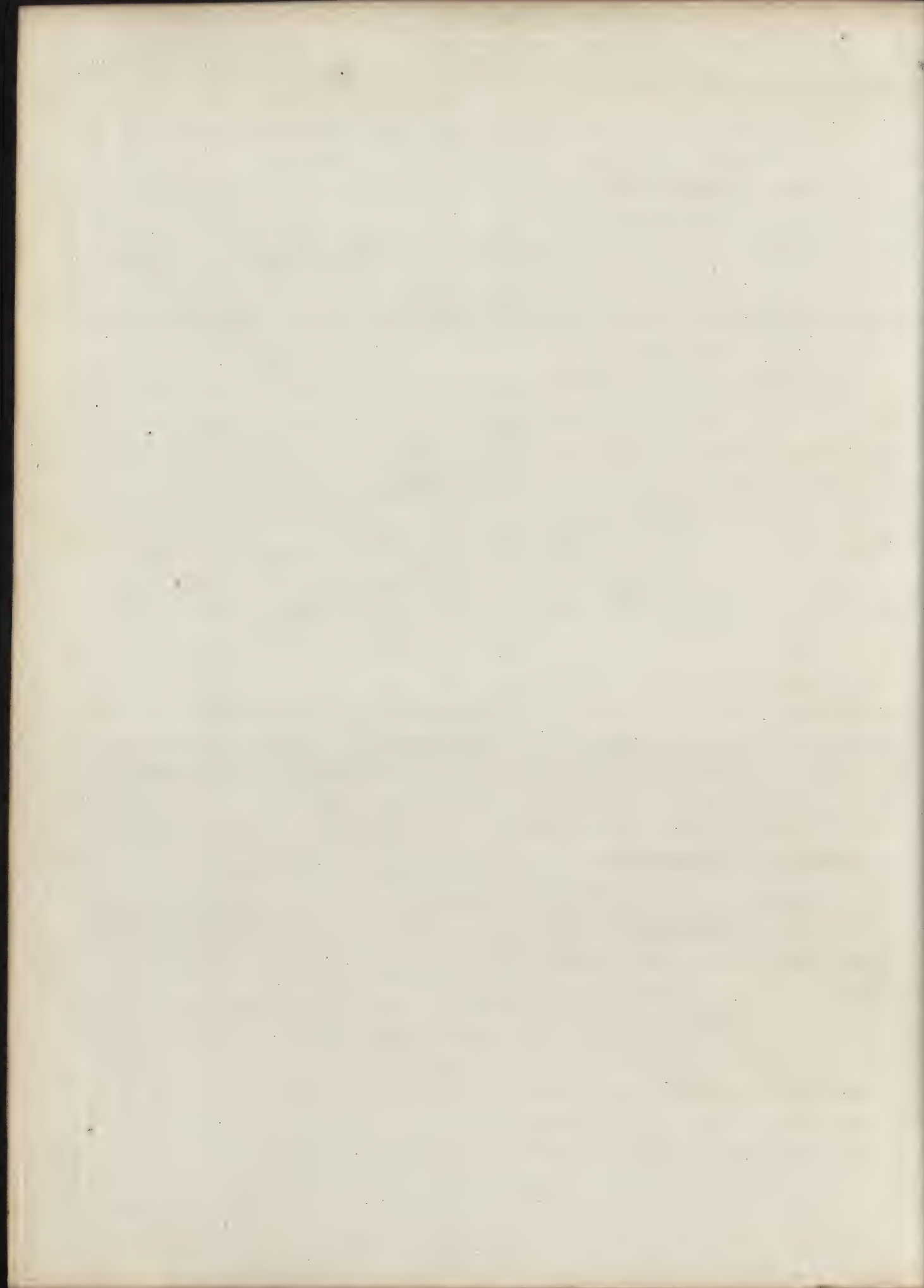


Fig. 1.

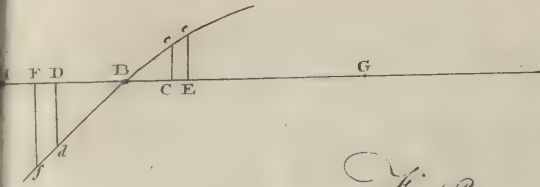


Fig. 2.

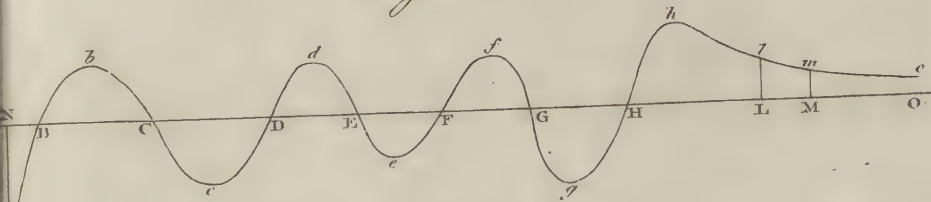


Fig. 3. $N^{\circ} 1.$

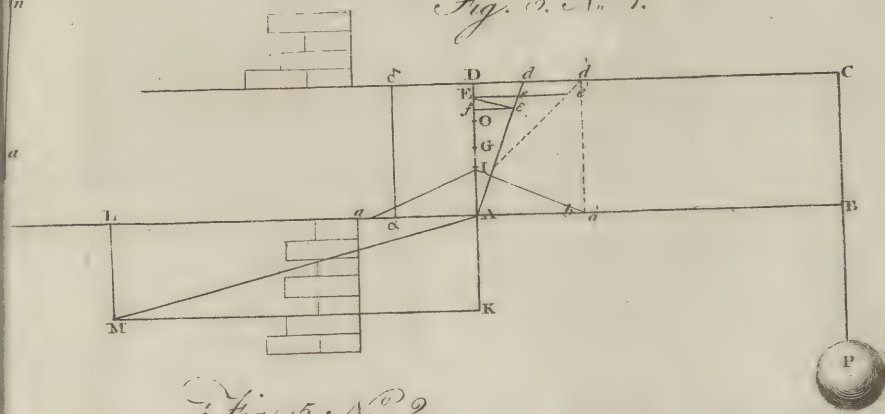


Fig. 3.

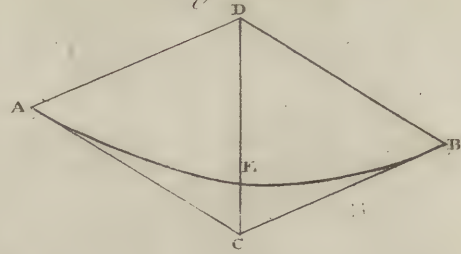


Fig. 4.

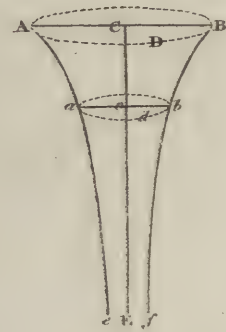


Fig. 5. $N^{\circ} 2.$

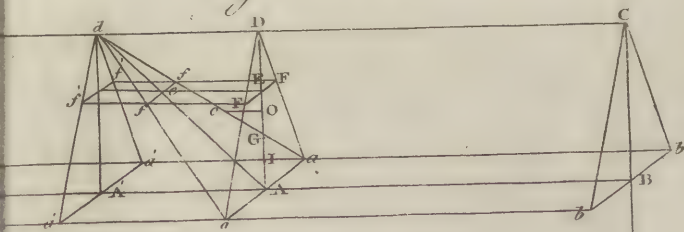


Fig. 5. $N^{\circ} 3.$

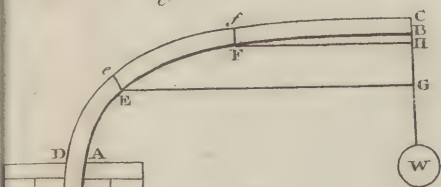


Fig. 7.

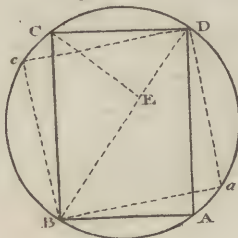


Fig. 8.

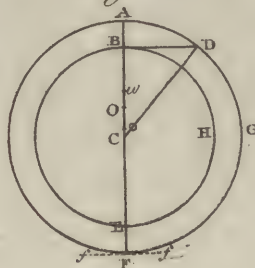


Fig. 6.

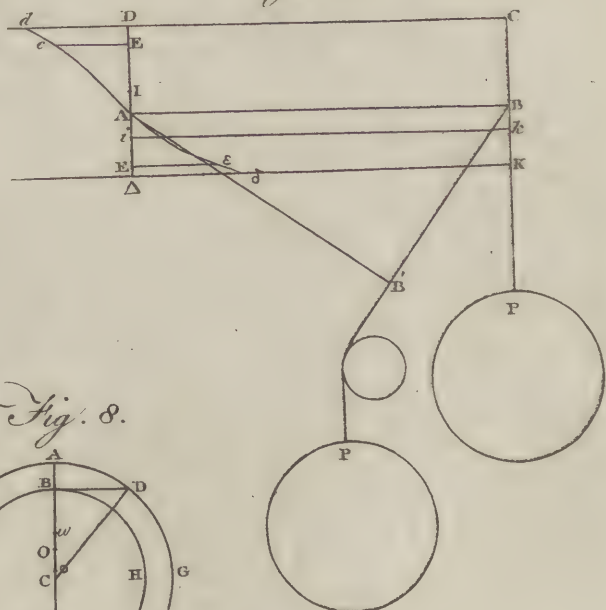


Fig. 9. N^o 1.



Fig. 10.

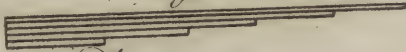


Fig. 13.

Fig. 14.

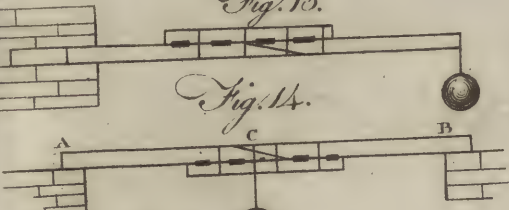


Fig. 15.

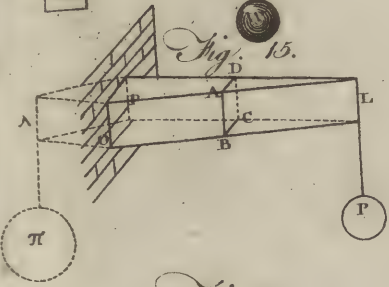


Fig. 17.

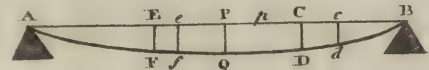


Fig. 18.

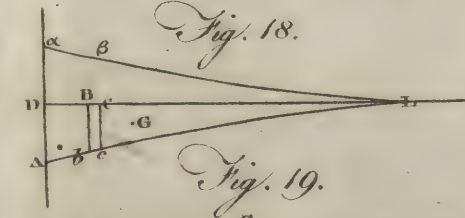


Fig. 19.

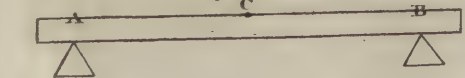


Fig. 22.

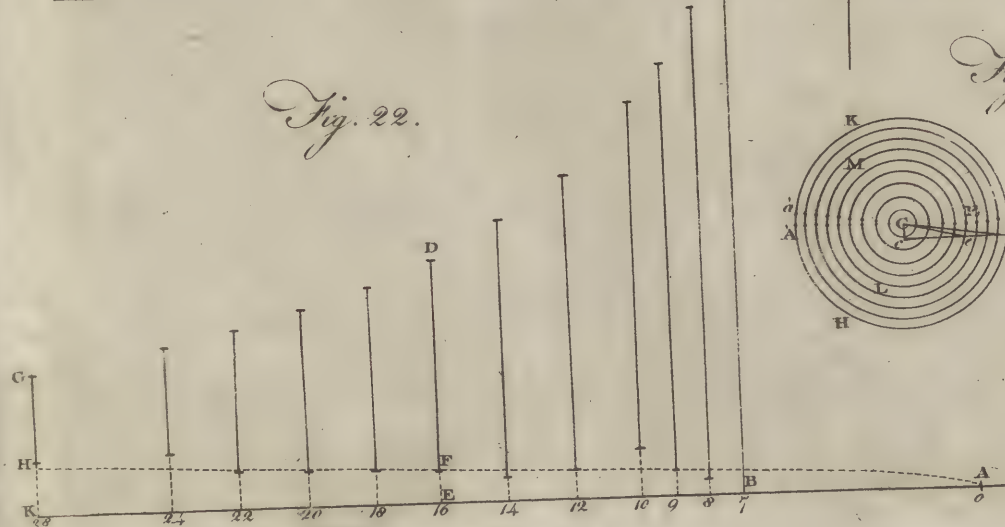


Fig. 9. N^o 2.

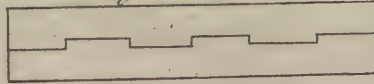


Fig. 11.

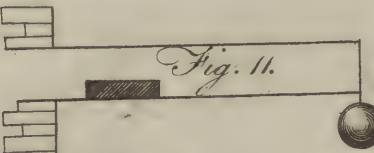


Fig. 12.

Fig. 16.

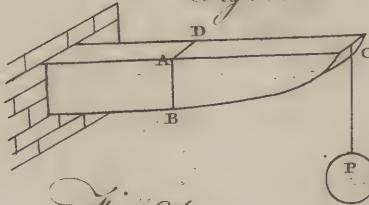


Fig. 21.

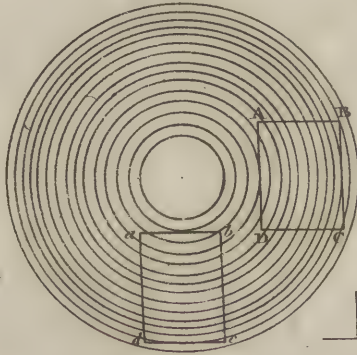


Fig. 20.

N^o 1.

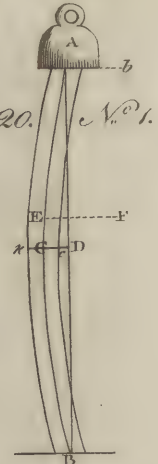


Fig. 20. N^o 2.

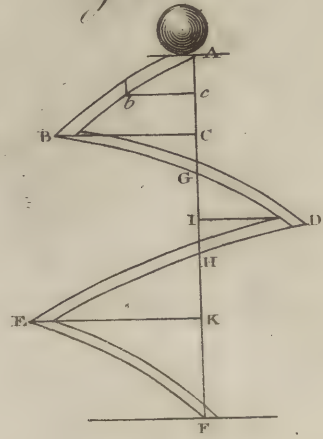


Fig. 23.

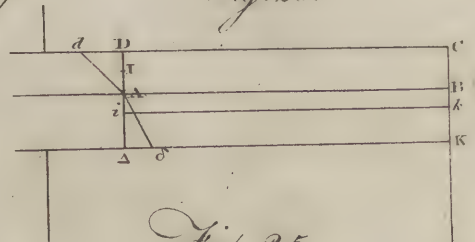


Fig. 25.

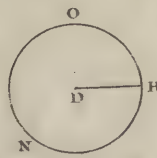
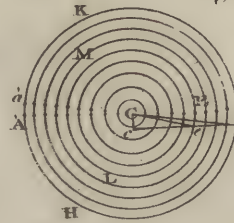
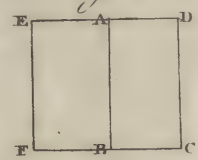
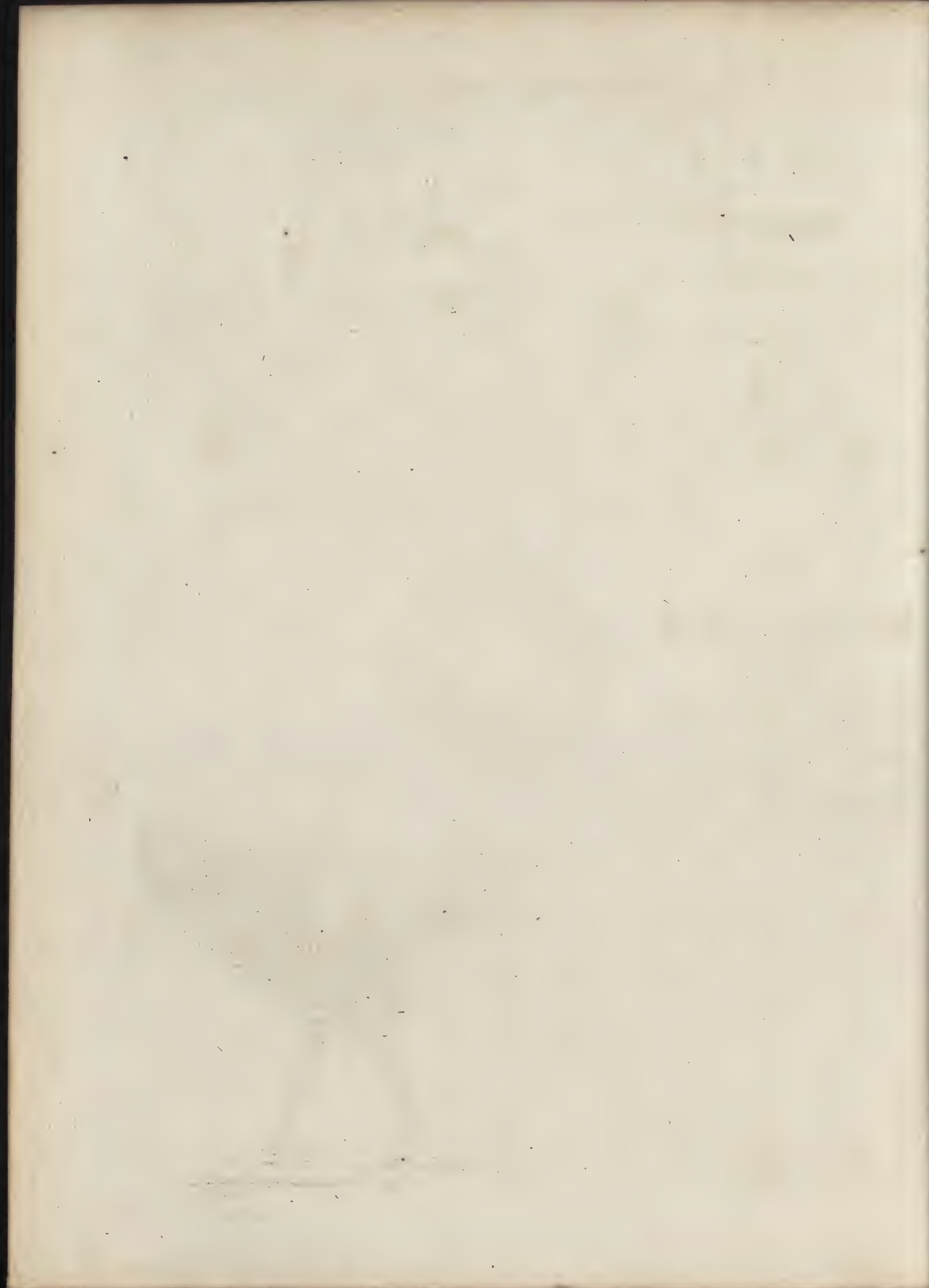


Fig. 24.



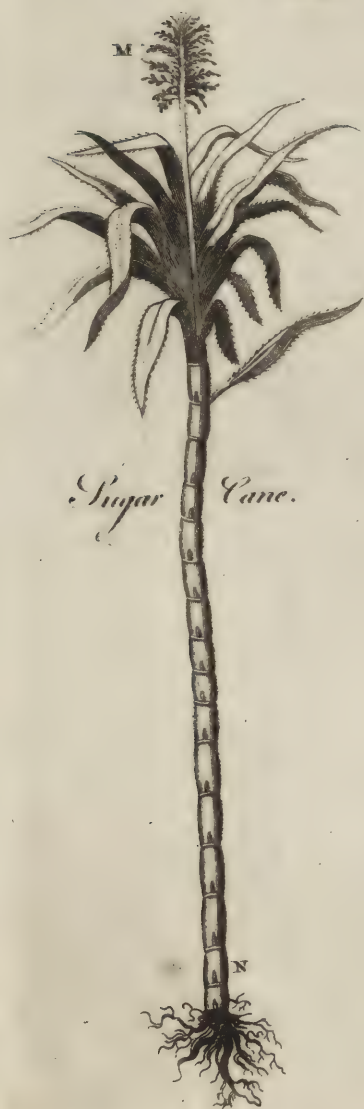
Atwell & Prin. Calc. & Superf.



Stylophorus cherdatus.



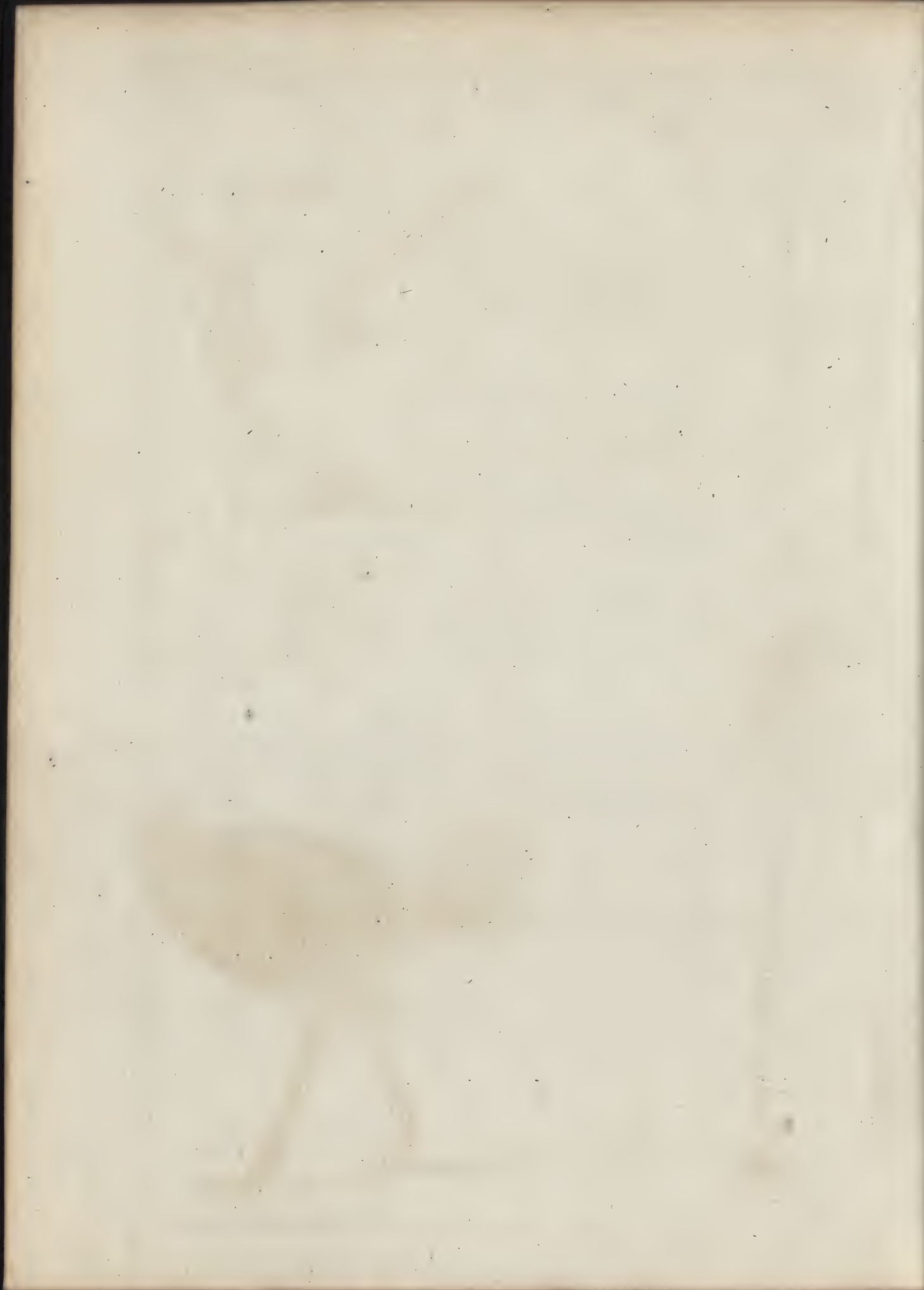
Styrax Benzoin.

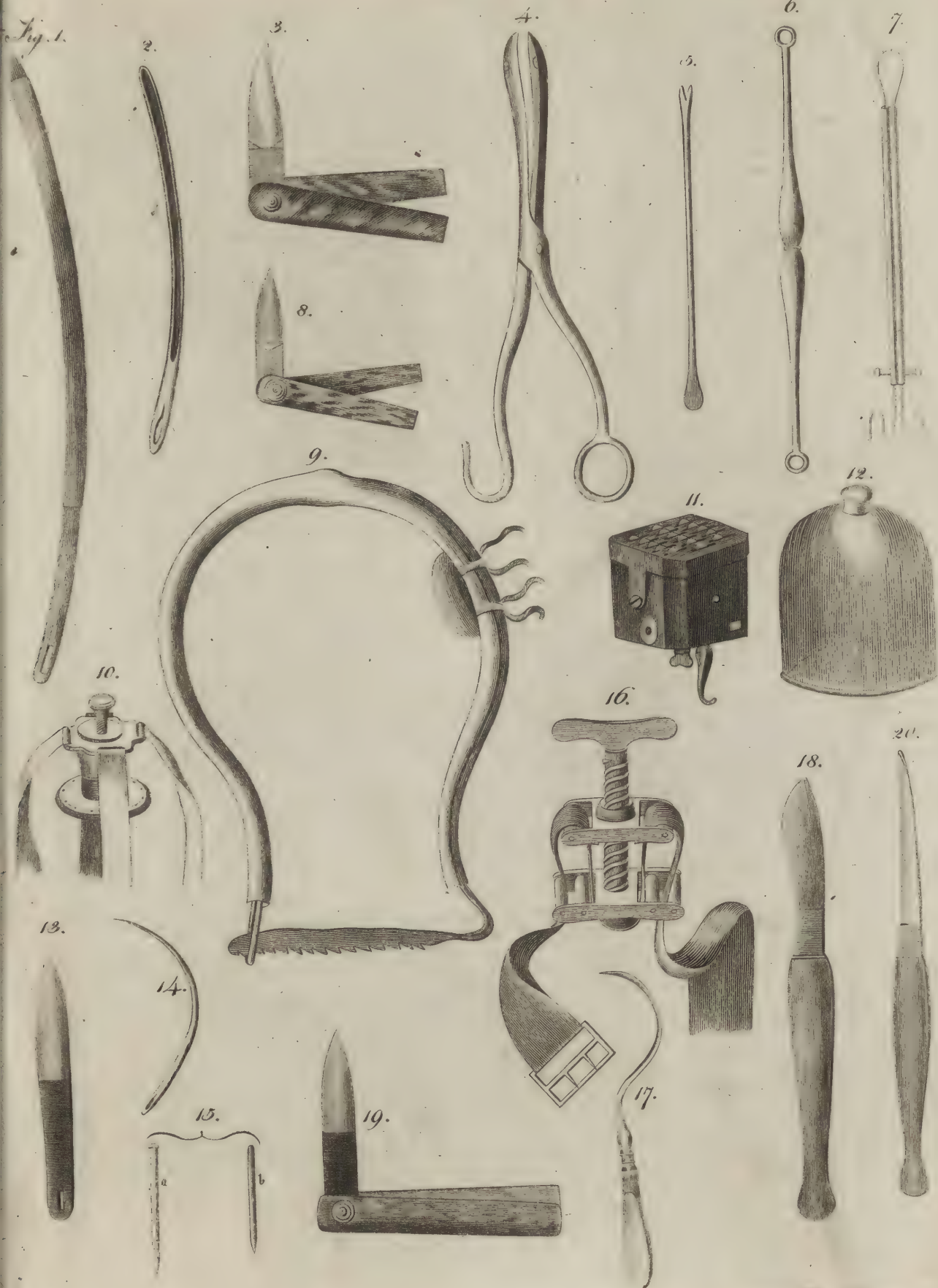


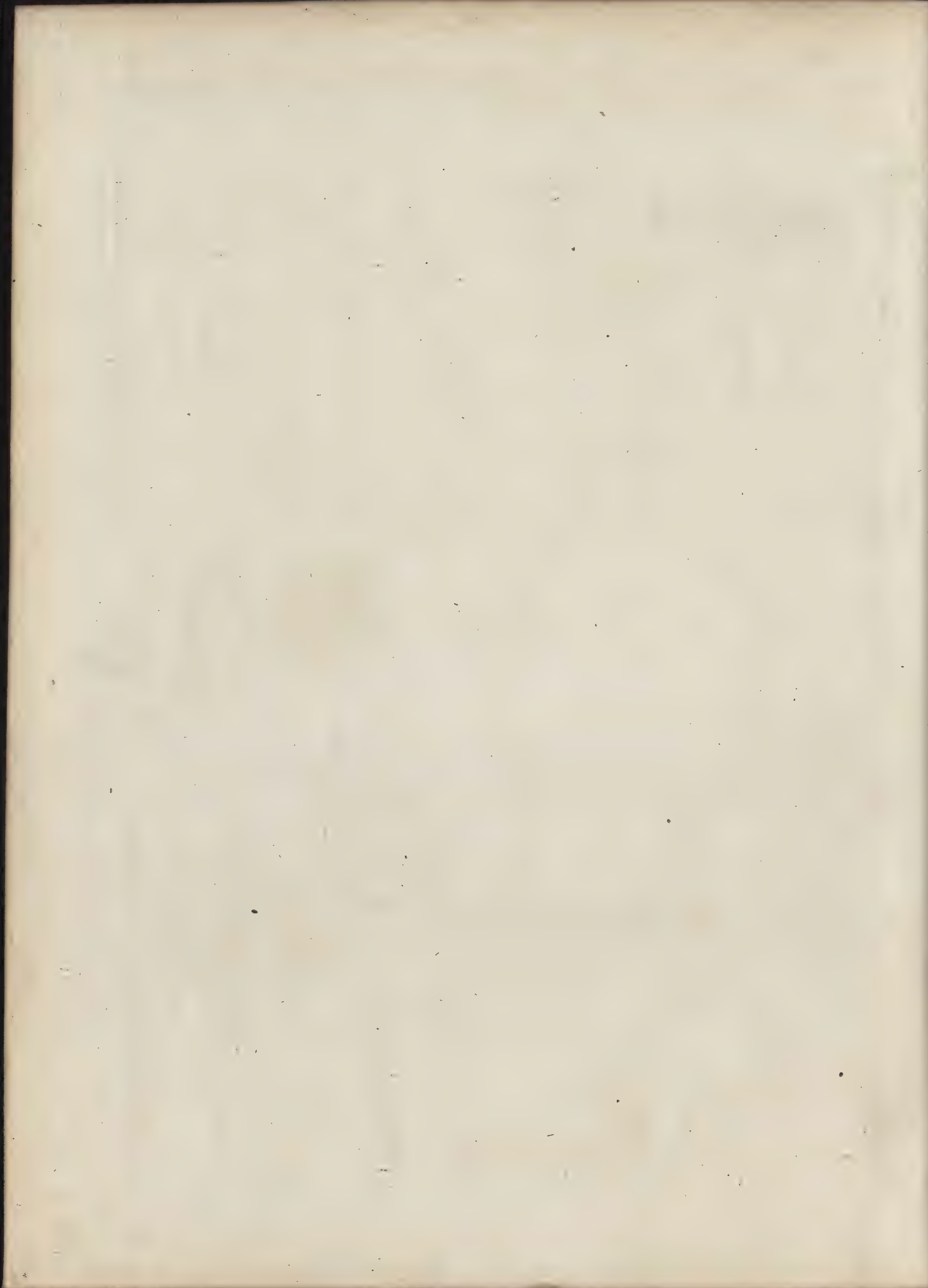
Sugar Cane.

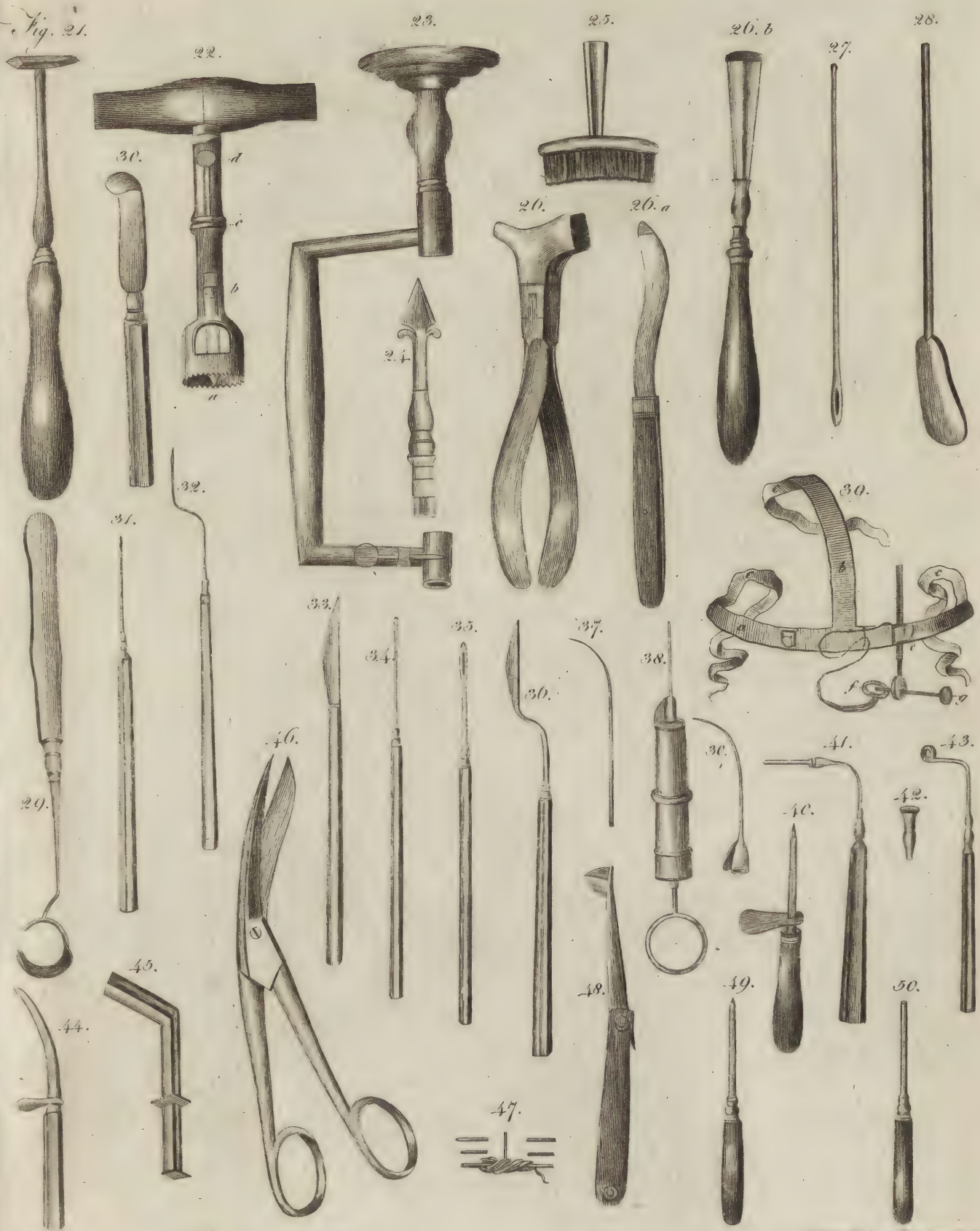
Struthio (Ostrich.)











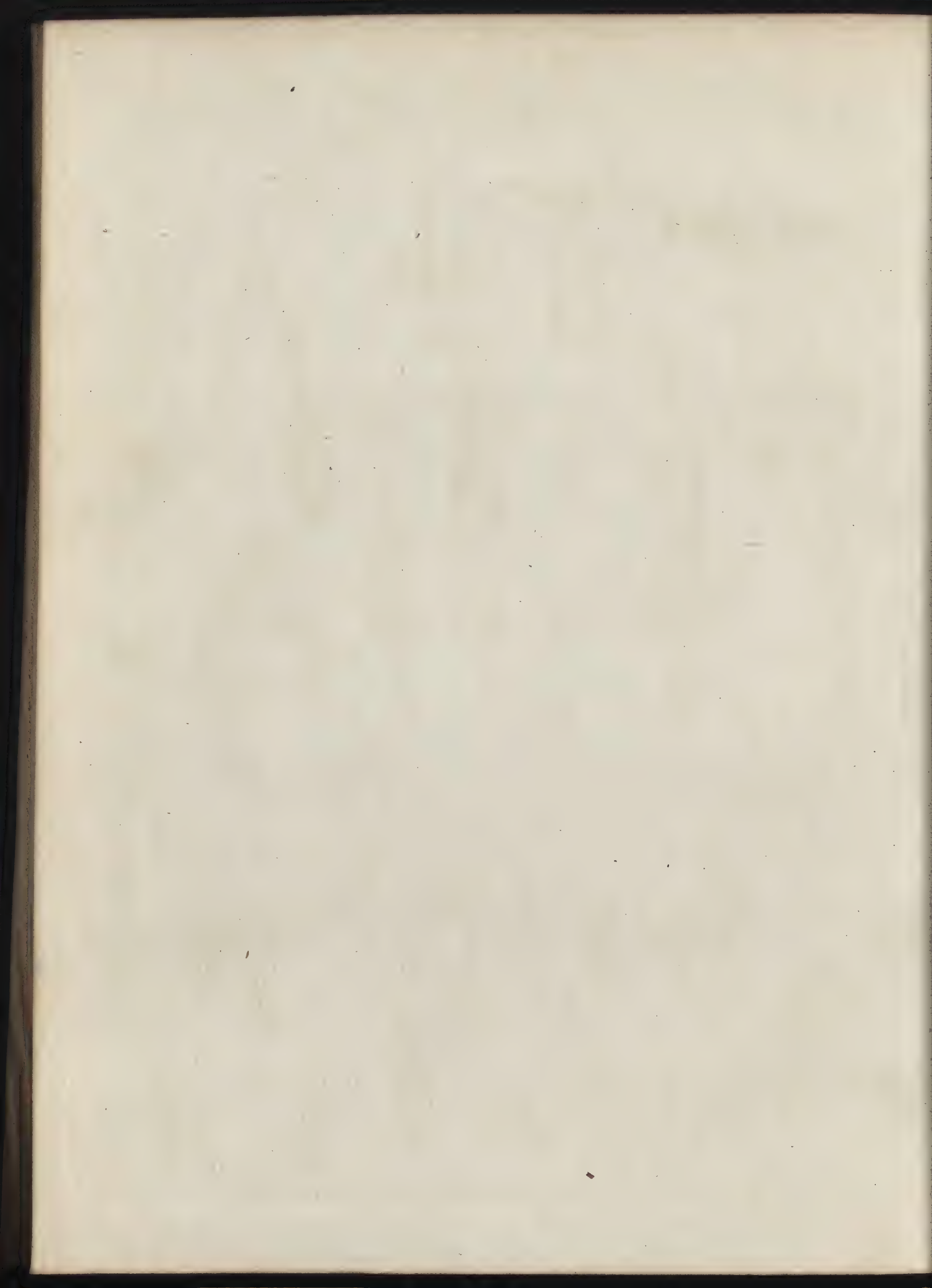


Fig. 51.

SURGERY.

Plate CCCCLXXXIX.



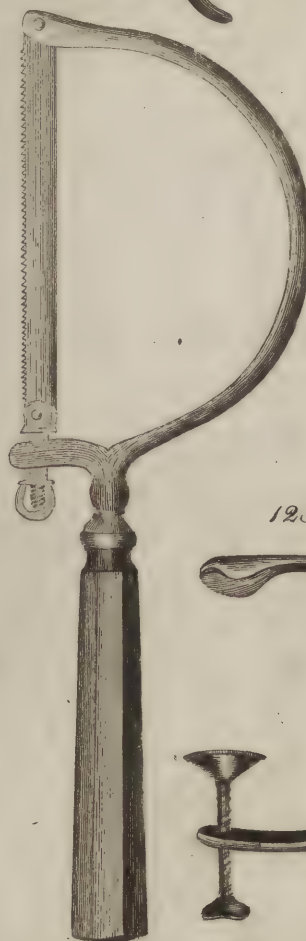
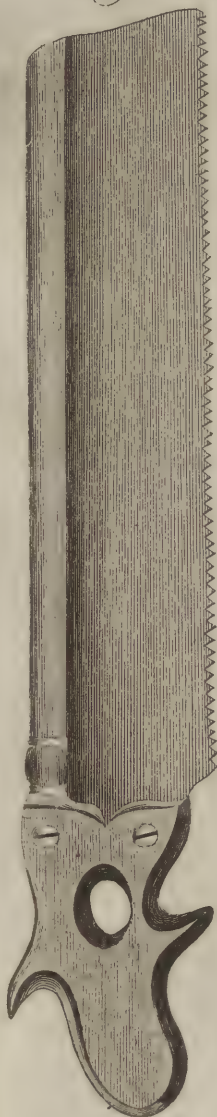
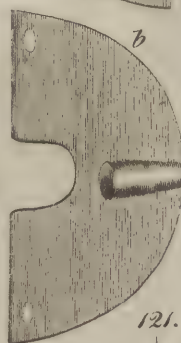
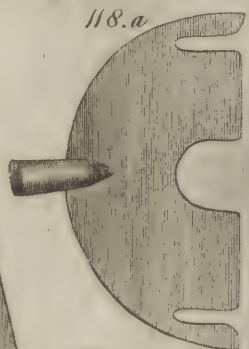
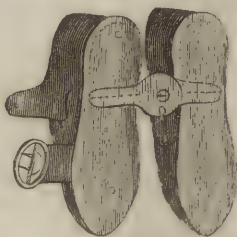
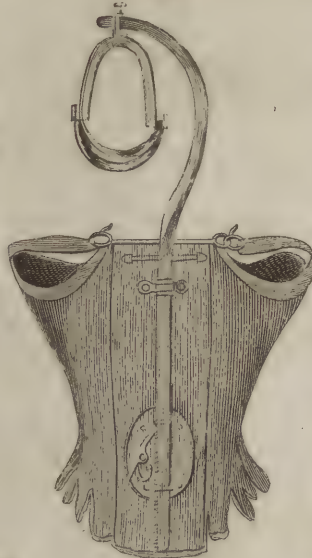
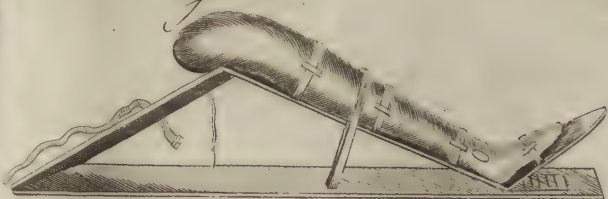


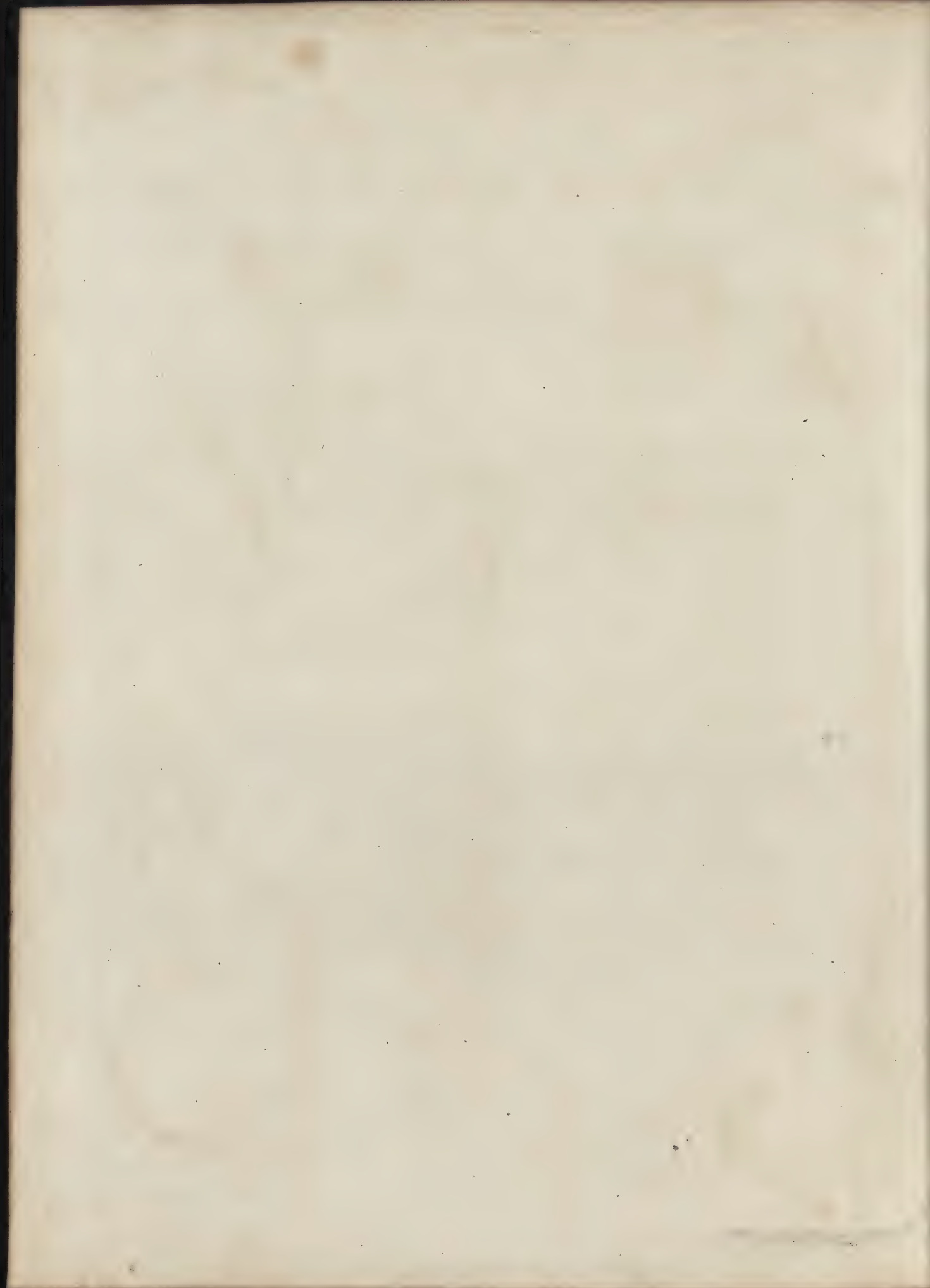
Fig. 70.

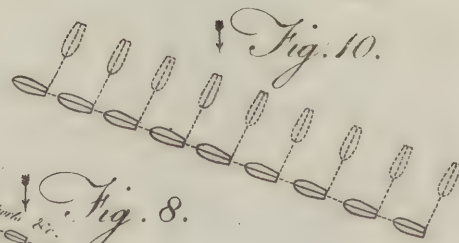
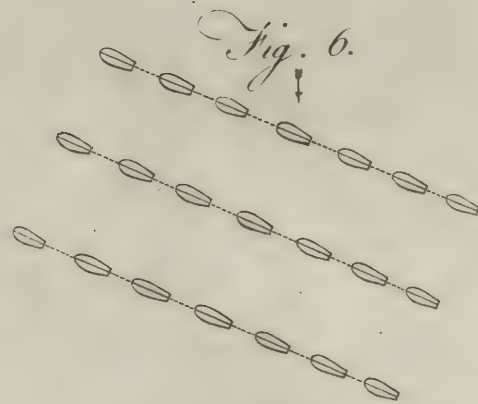
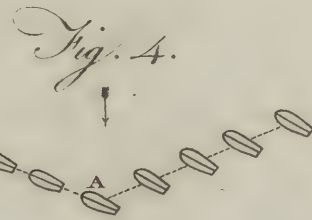
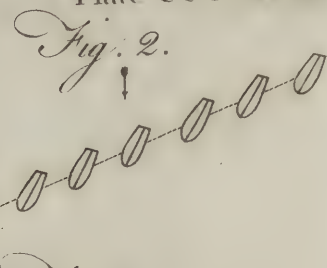
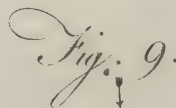
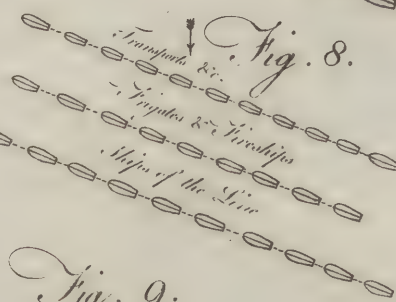
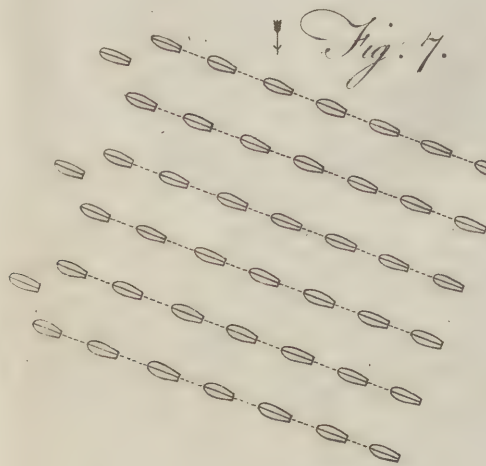
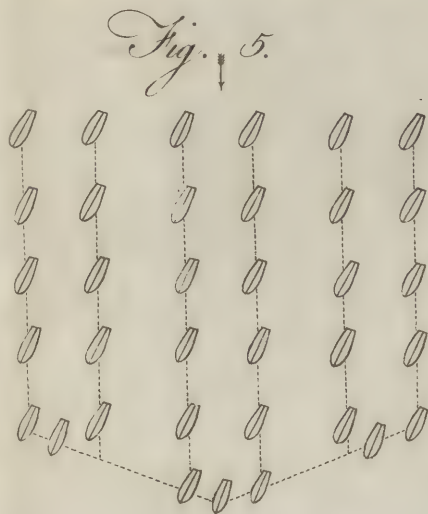
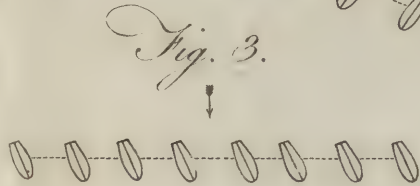
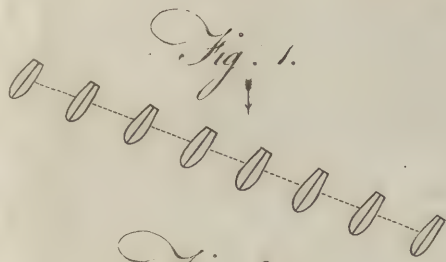


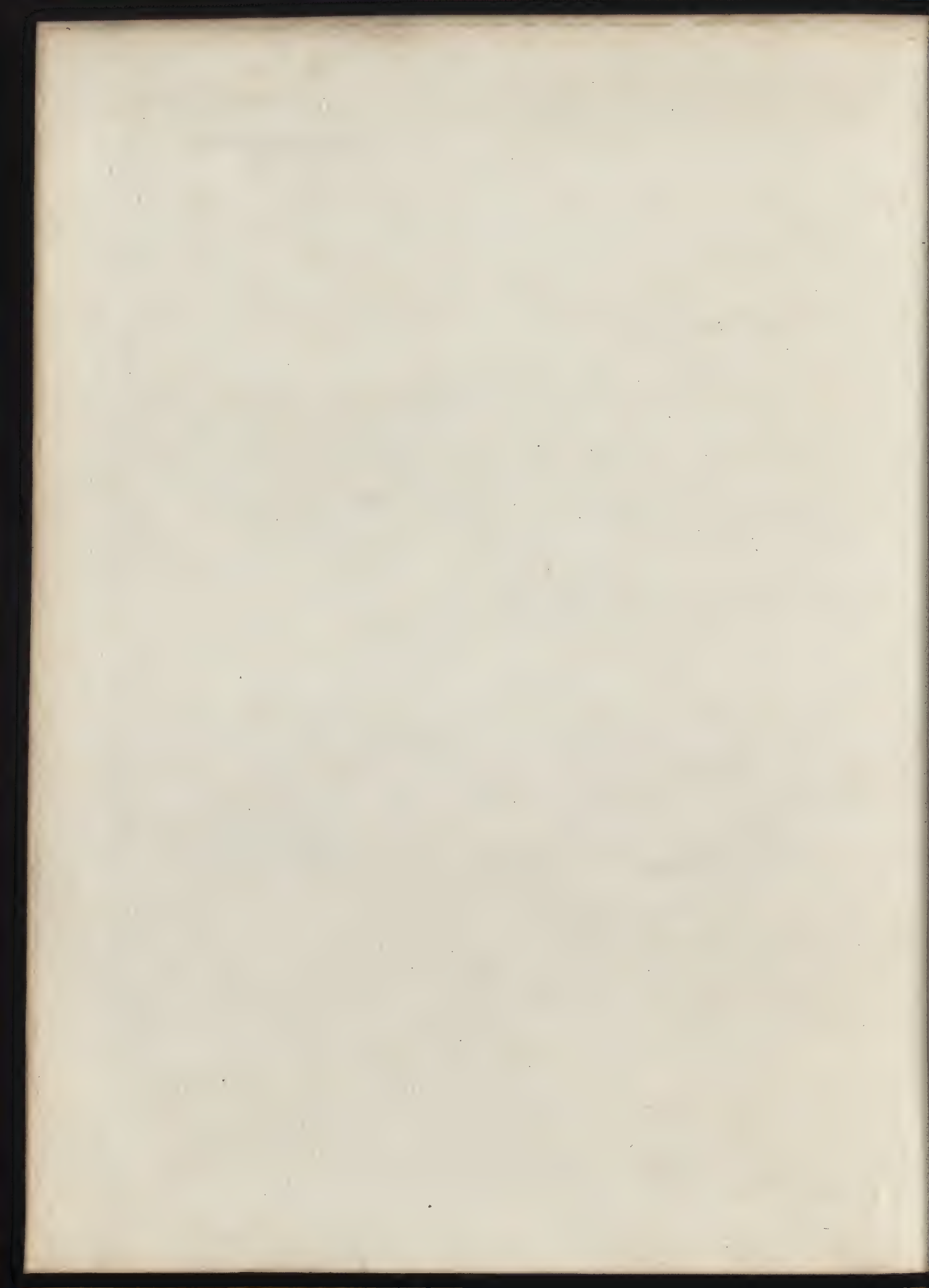


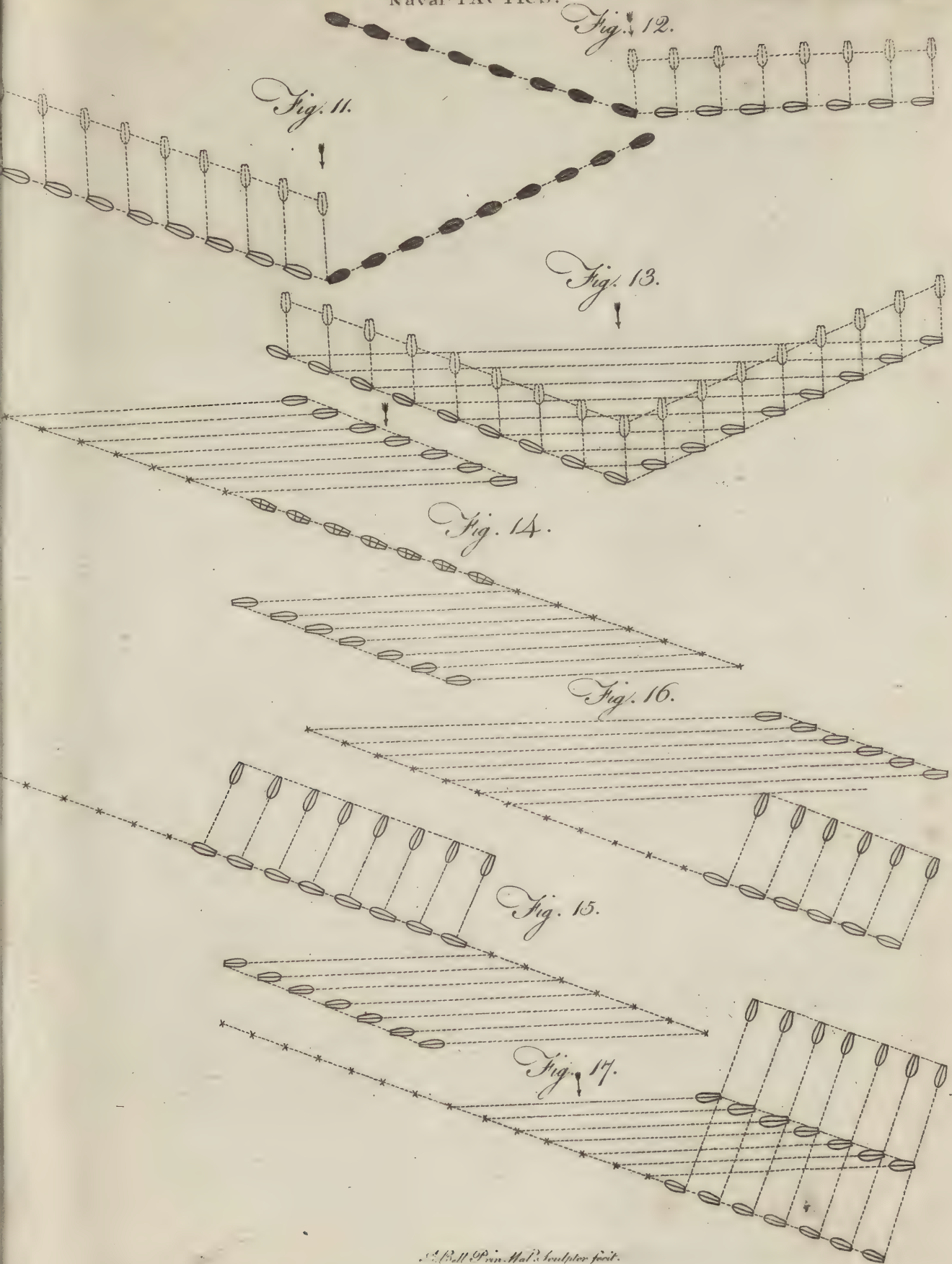


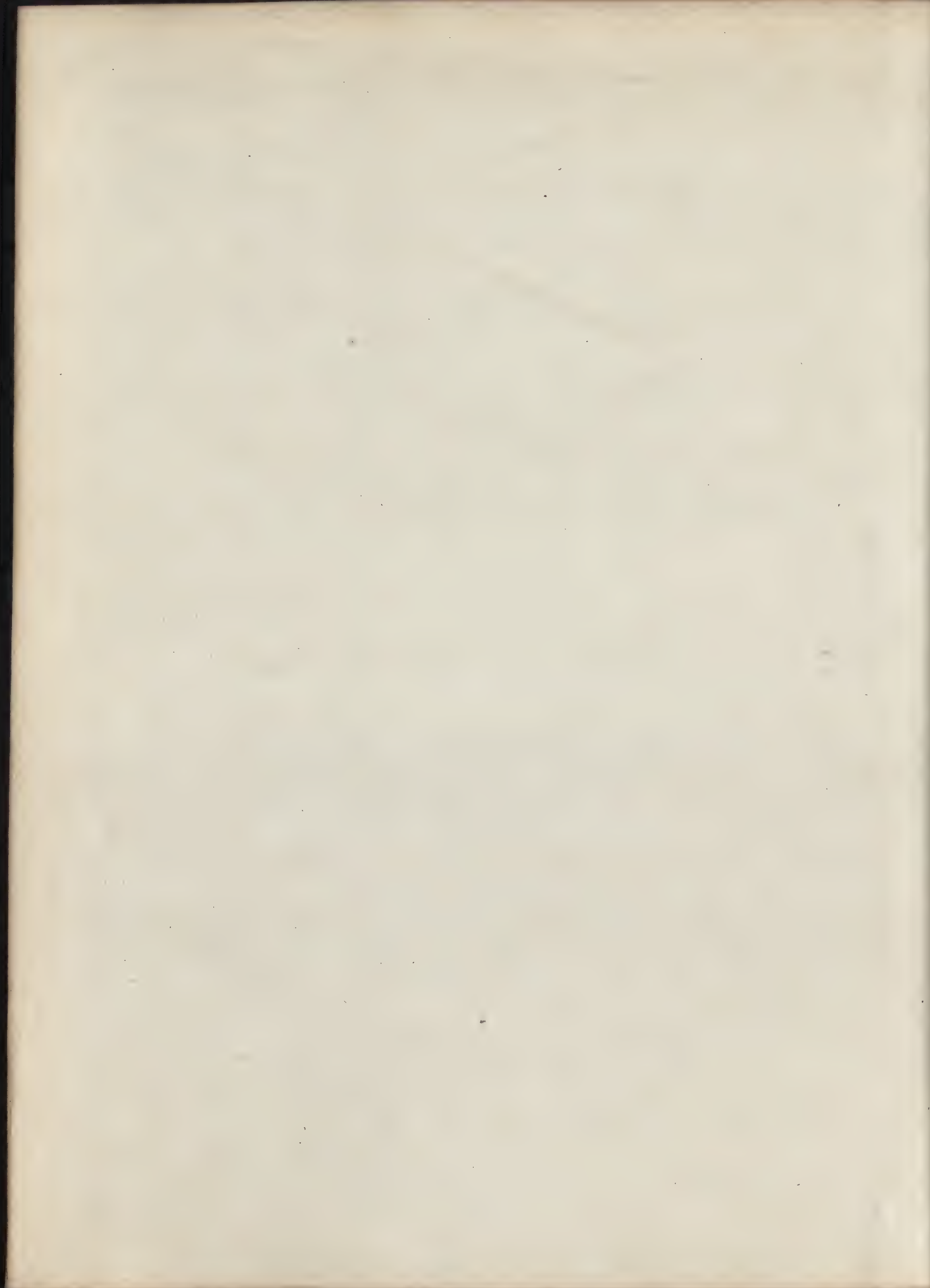


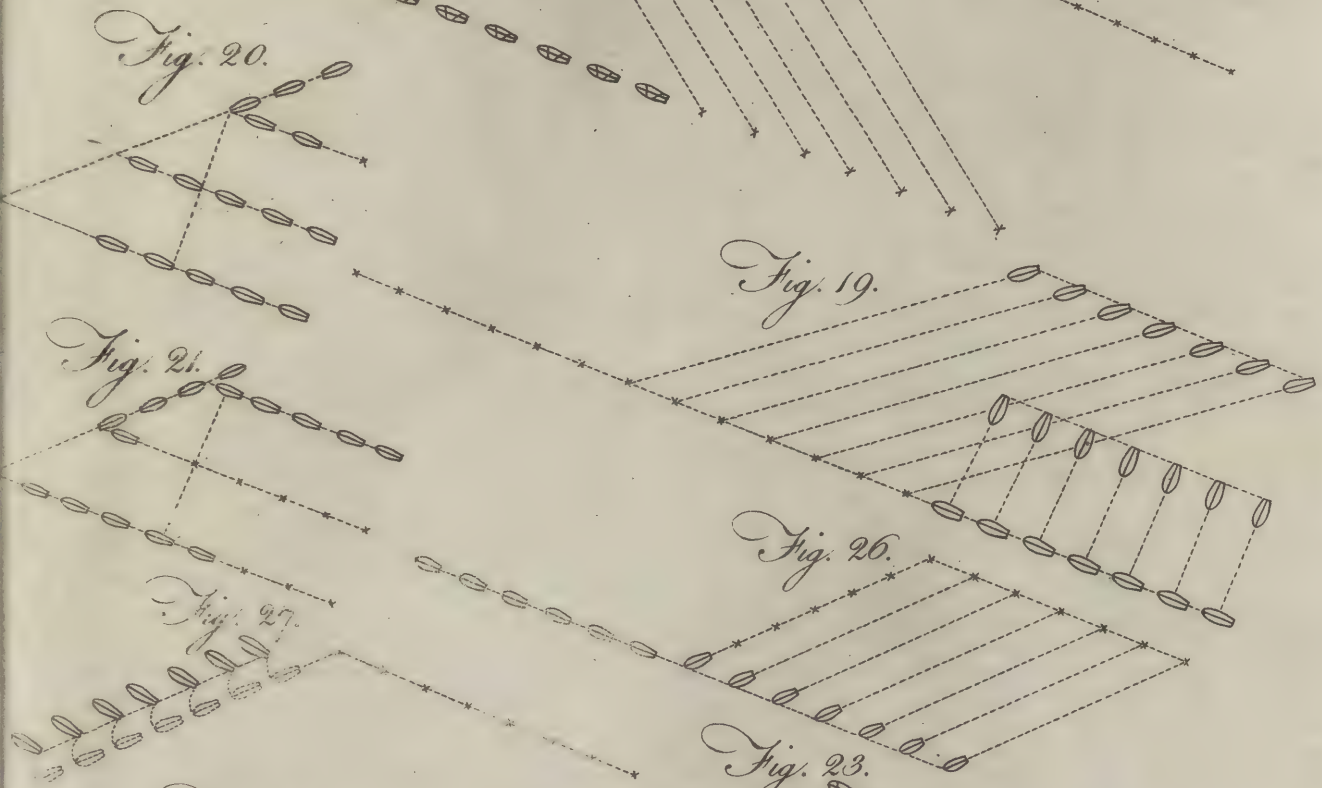
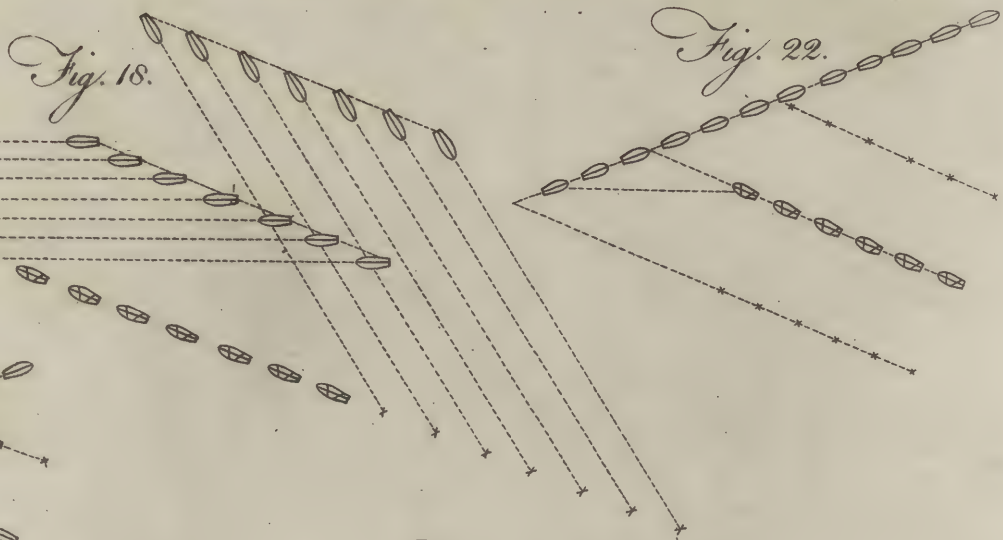


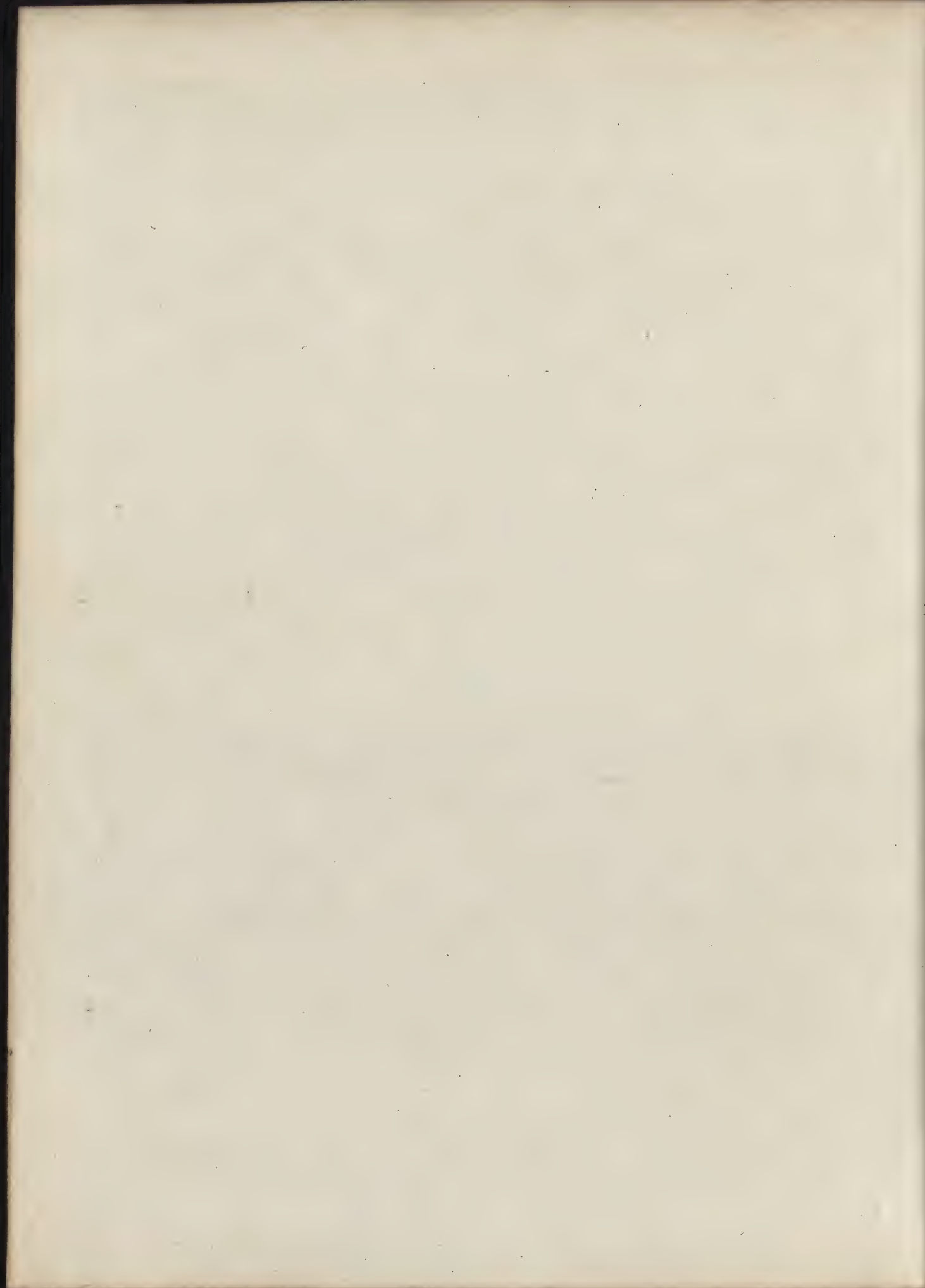


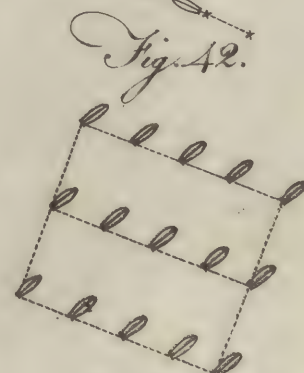
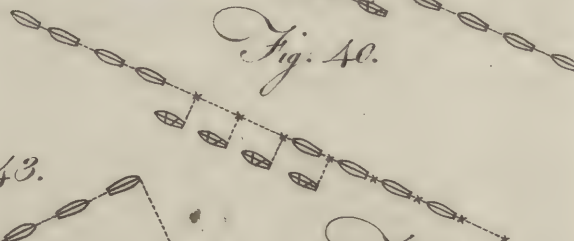
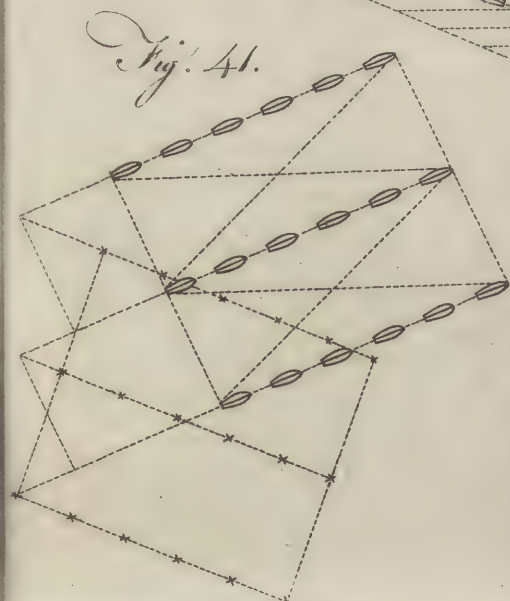
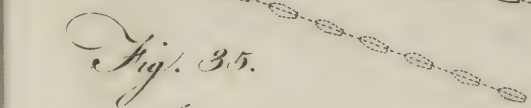
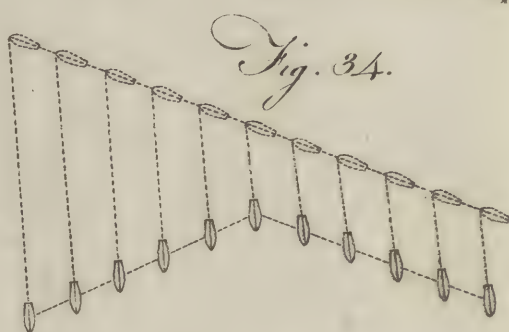
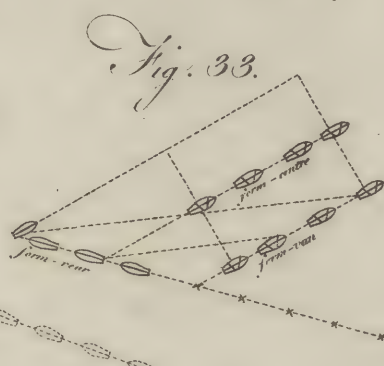
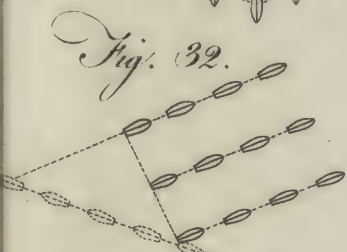
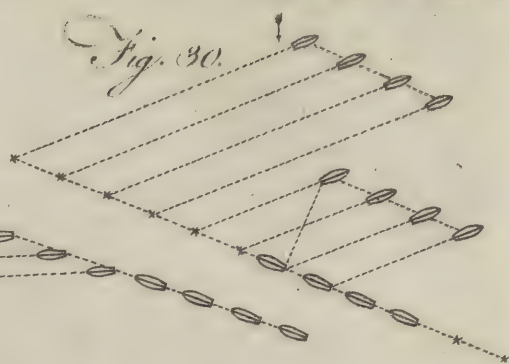
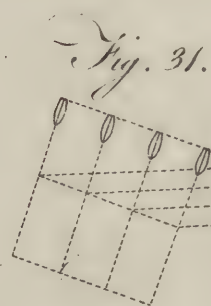
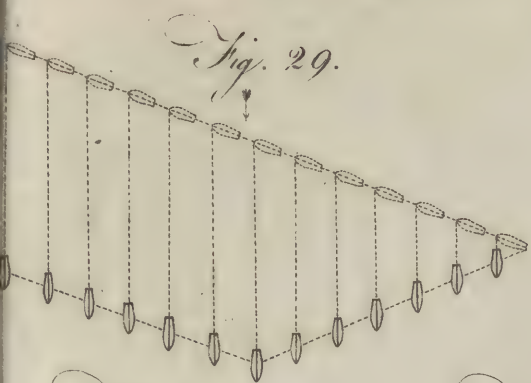












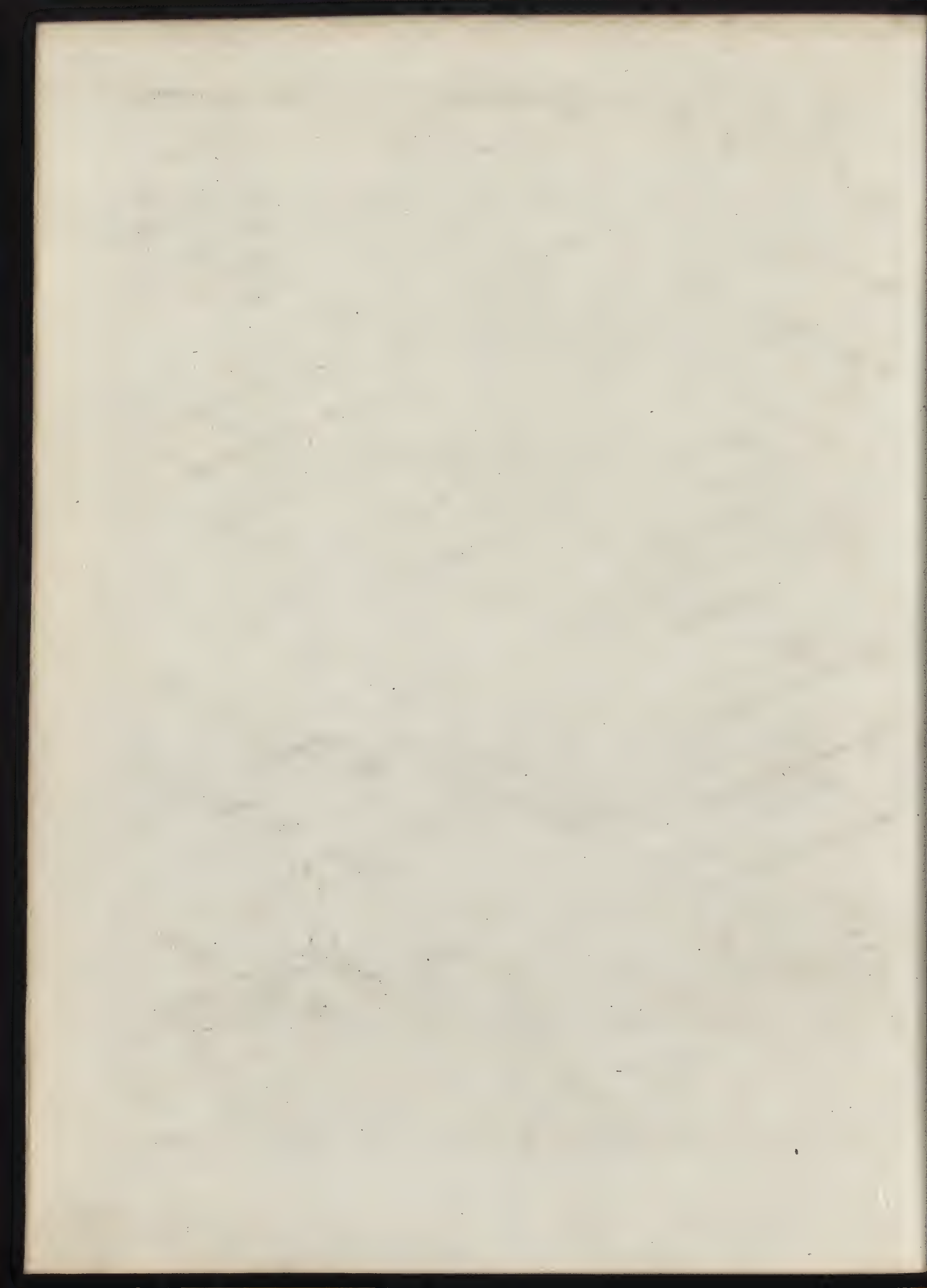


Fig. 44.

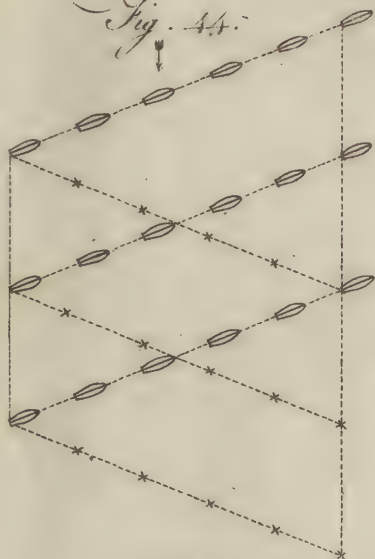


Fig. 45.

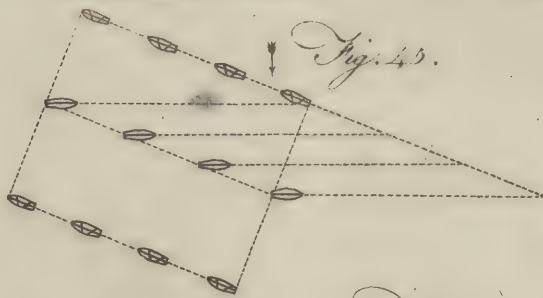


Fig. 49.

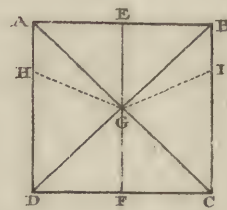


Fig. 47.



Fig. 48.

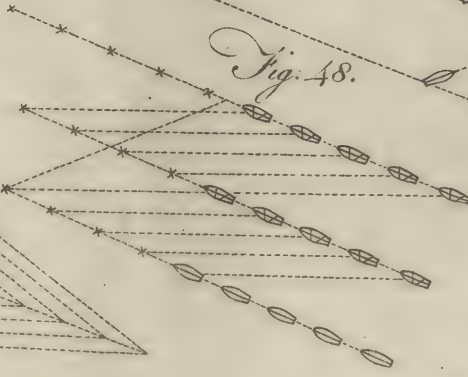


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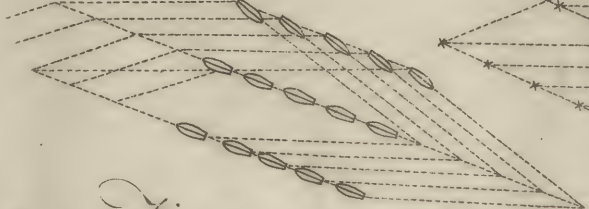


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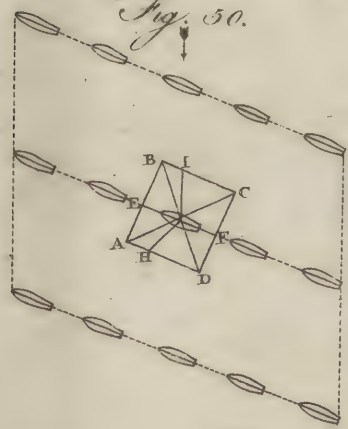


Fig. 51.

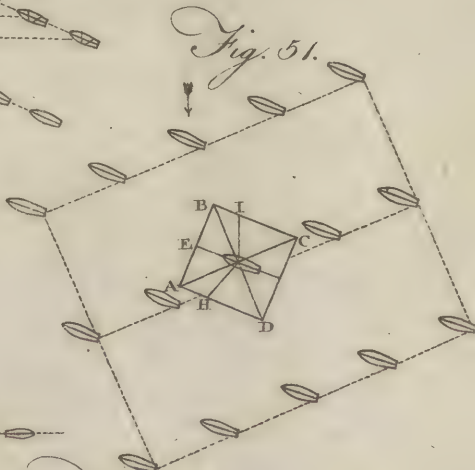


Fig. 53.



Fig. 55.

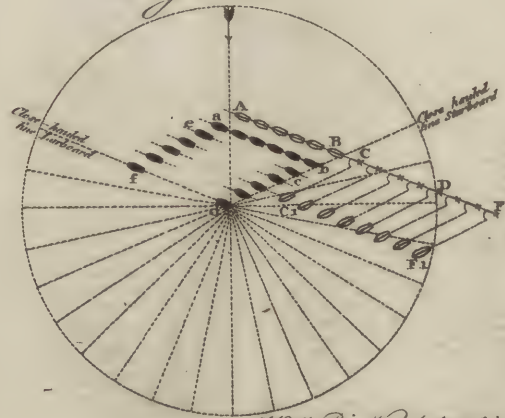


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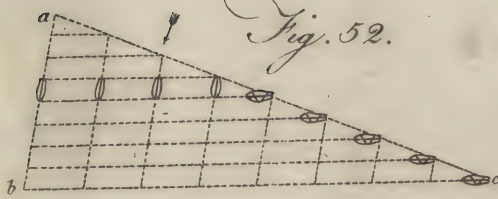
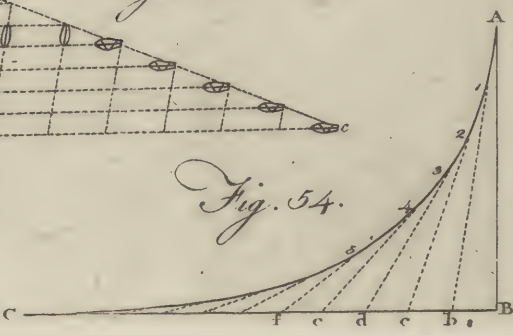


Fig. 54.



At 9-11 P.M. Water Sculptor fired.

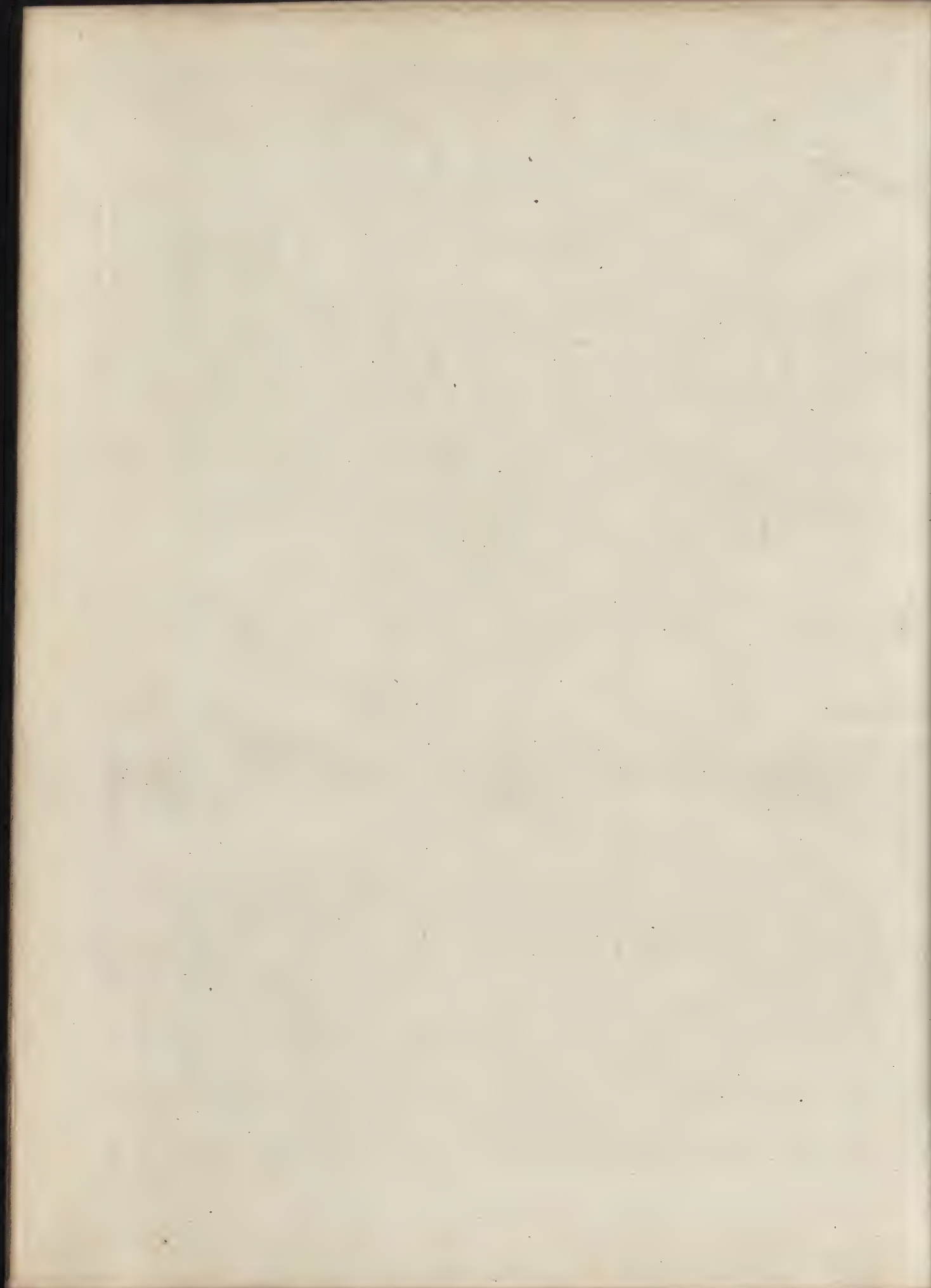




Fig. 75.

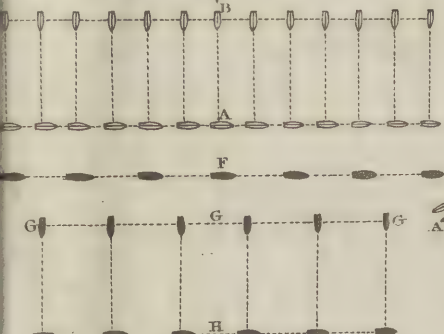


Fig. 84.

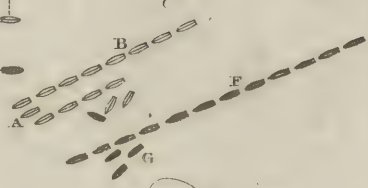


Fig. 76.

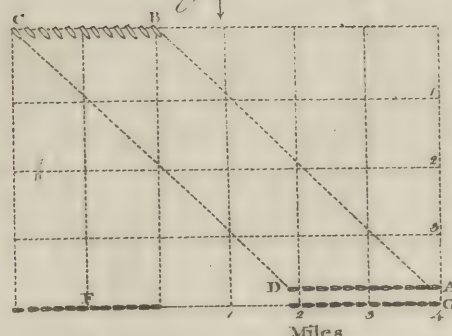


Fig. 86.

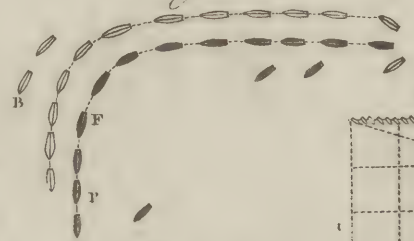


Fig. 78.

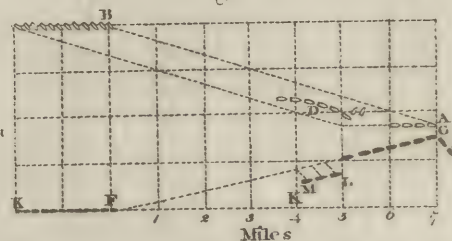


Fig. 77.

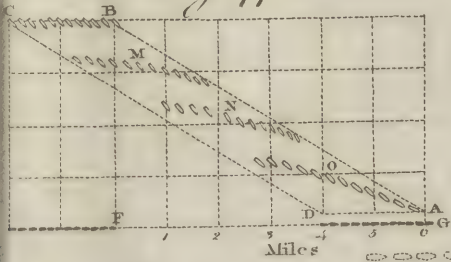


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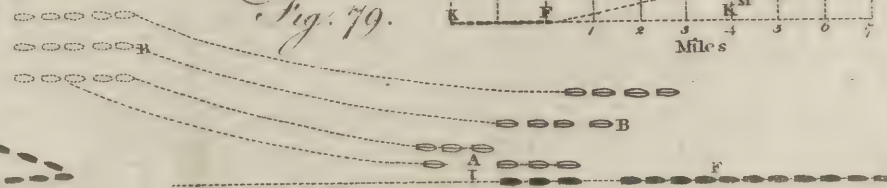


Fig. 80.



Fig. 81.



Fig. 82.



Fig. 85.

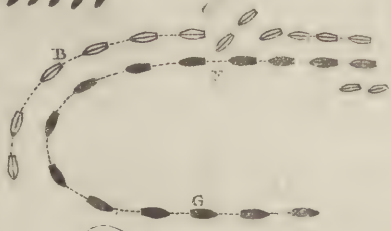


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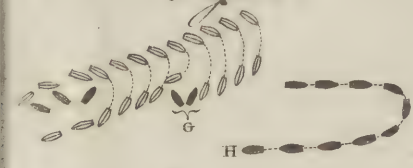


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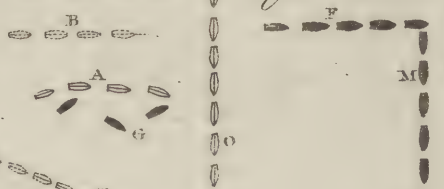


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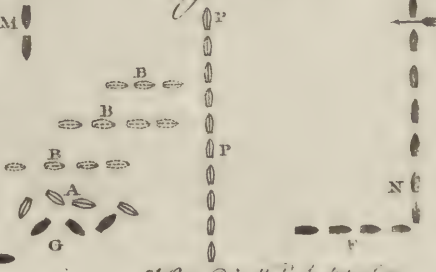


Fig. 87.

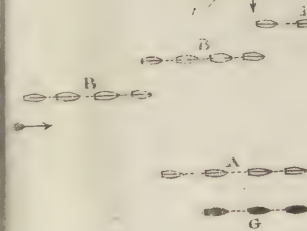
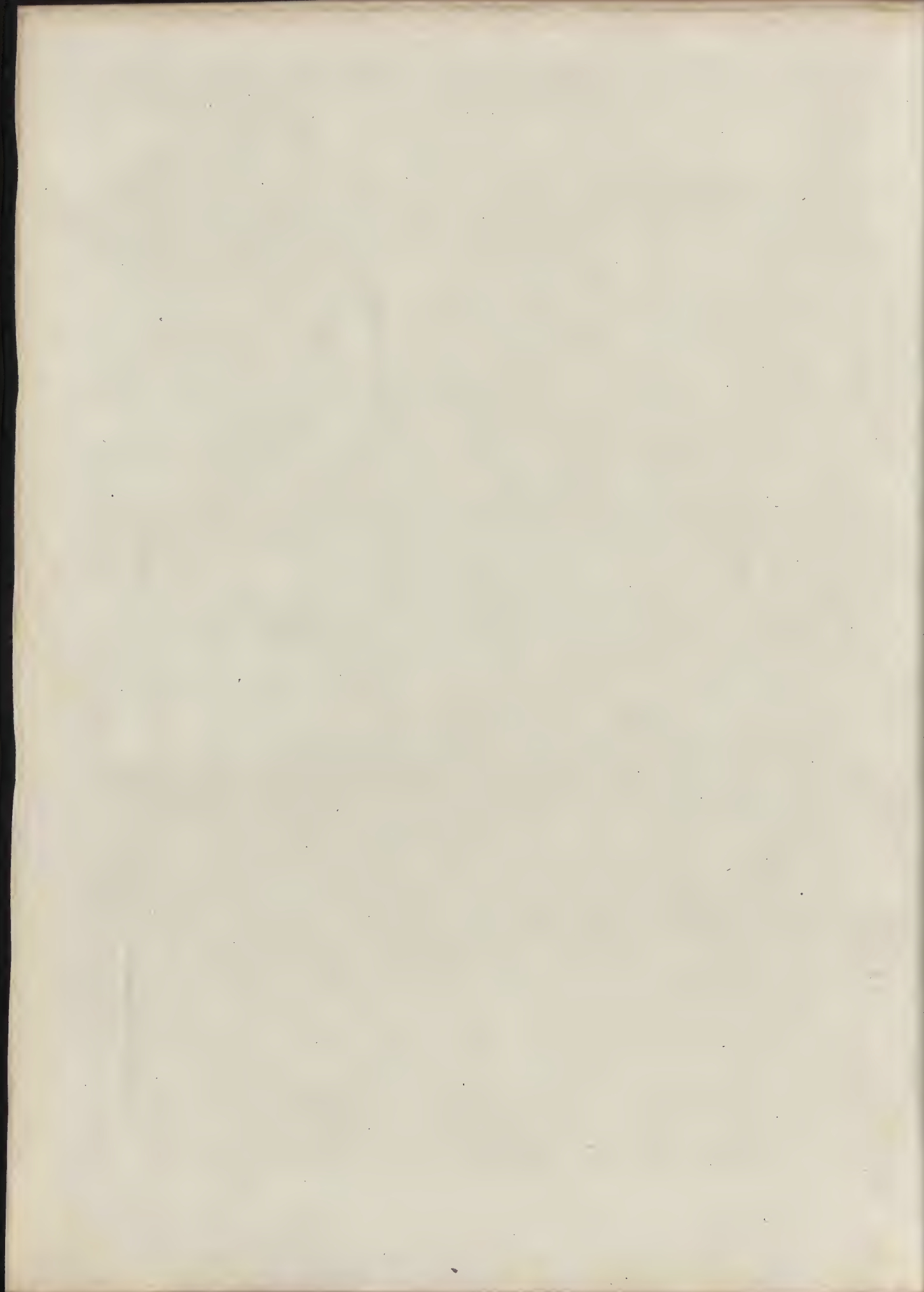
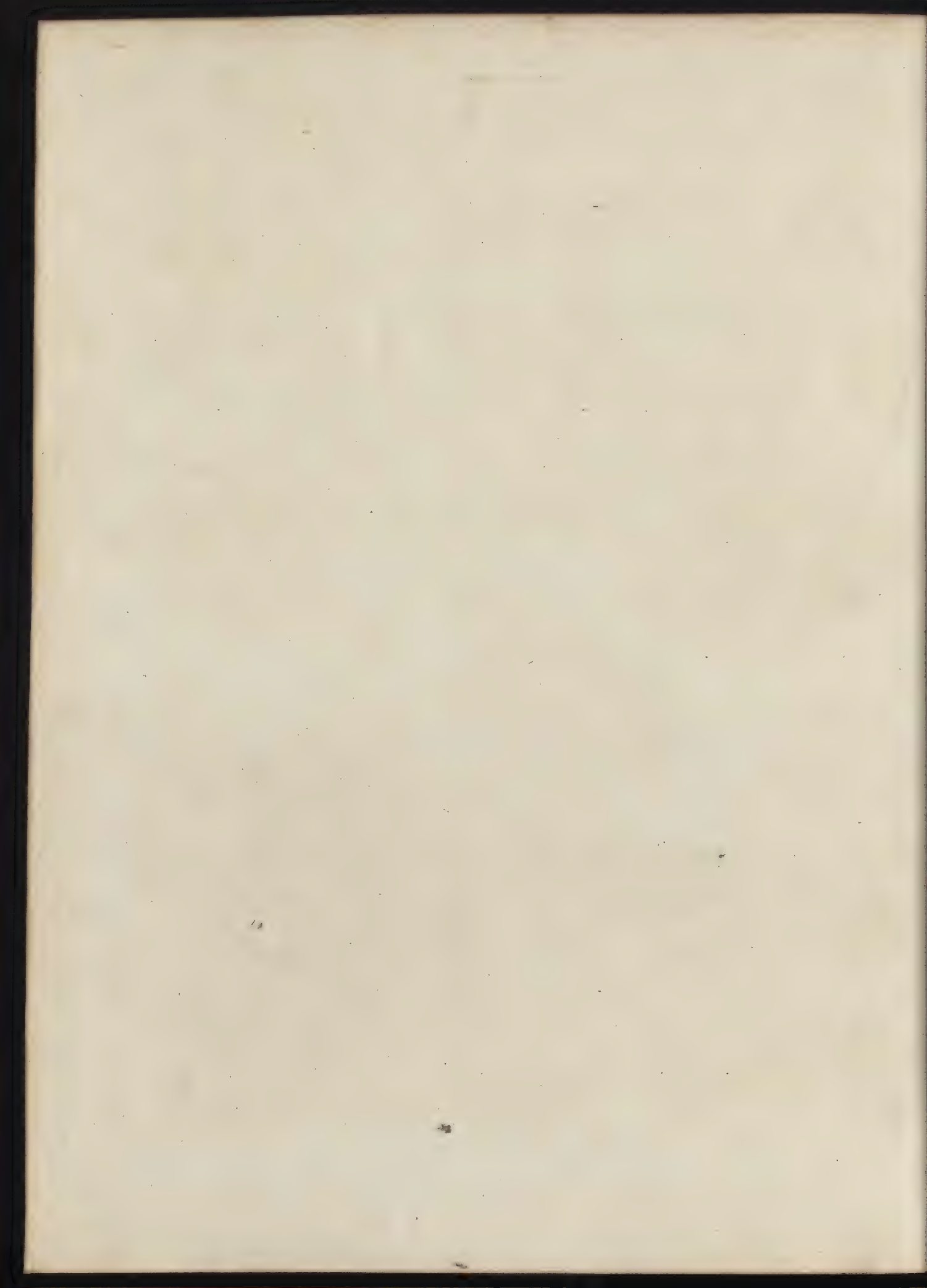


Fig. 90.



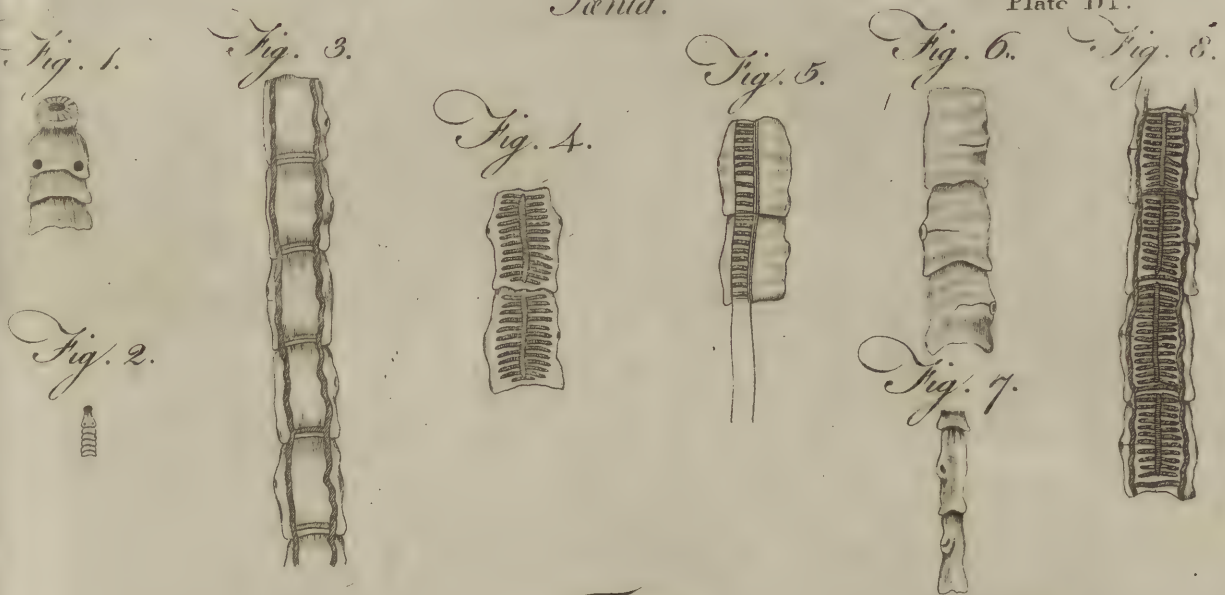




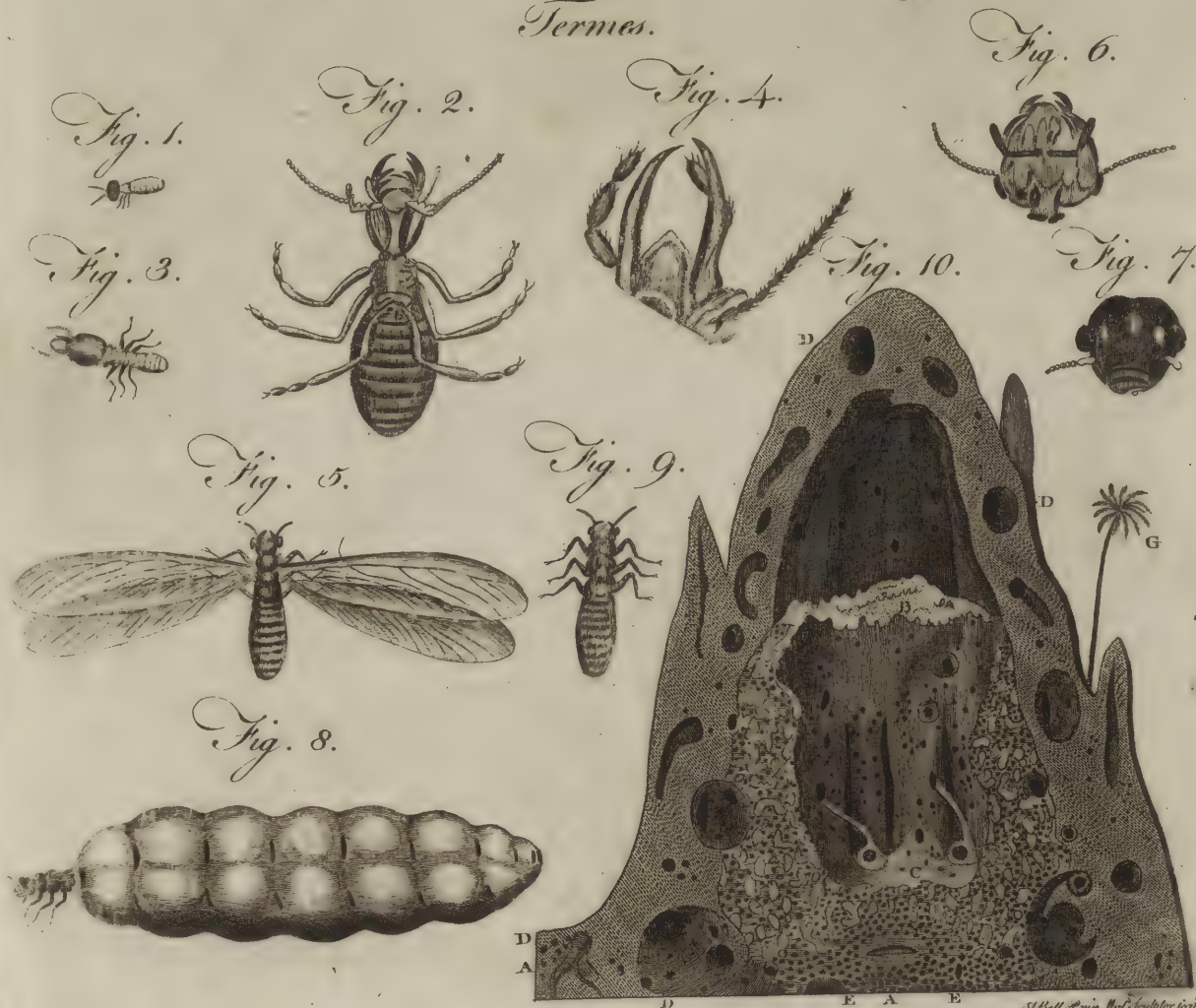


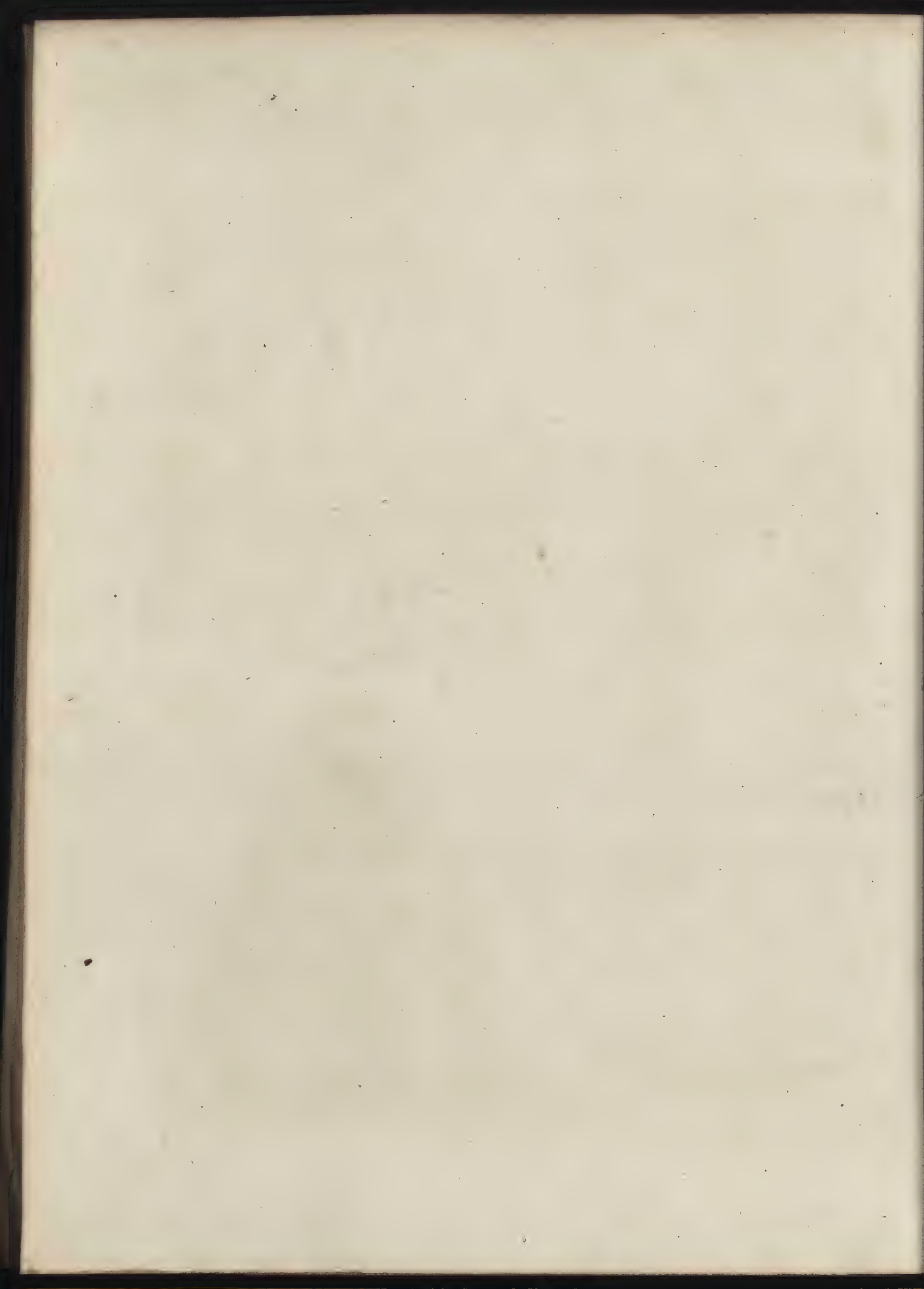
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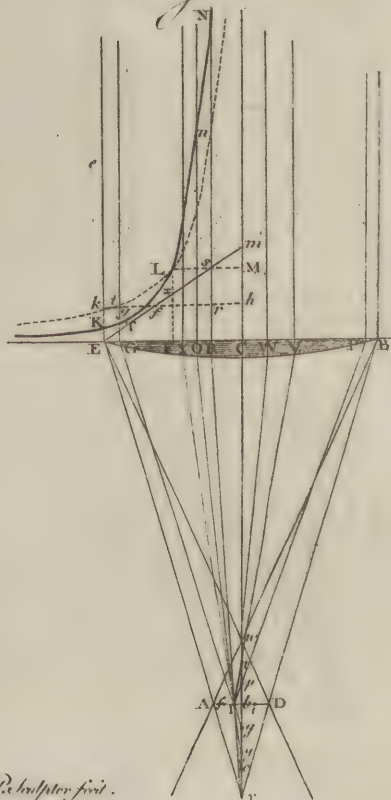
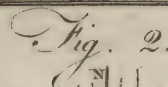
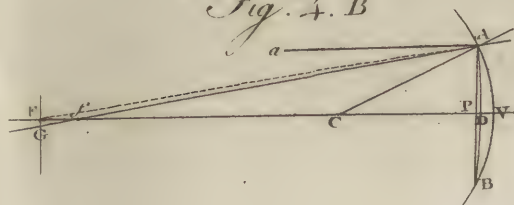
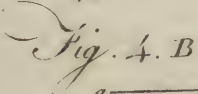
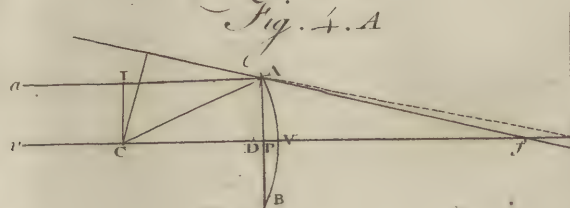
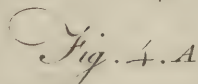
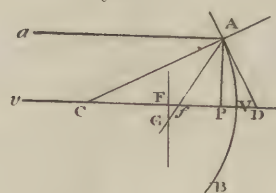
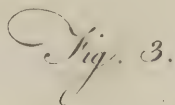
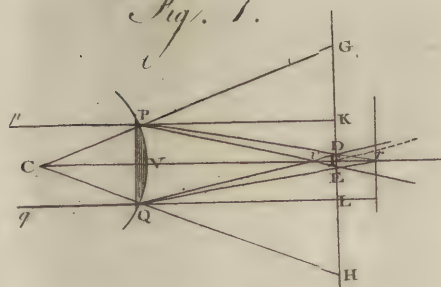
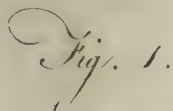
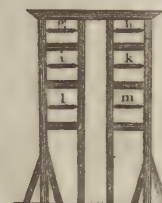
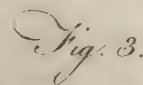
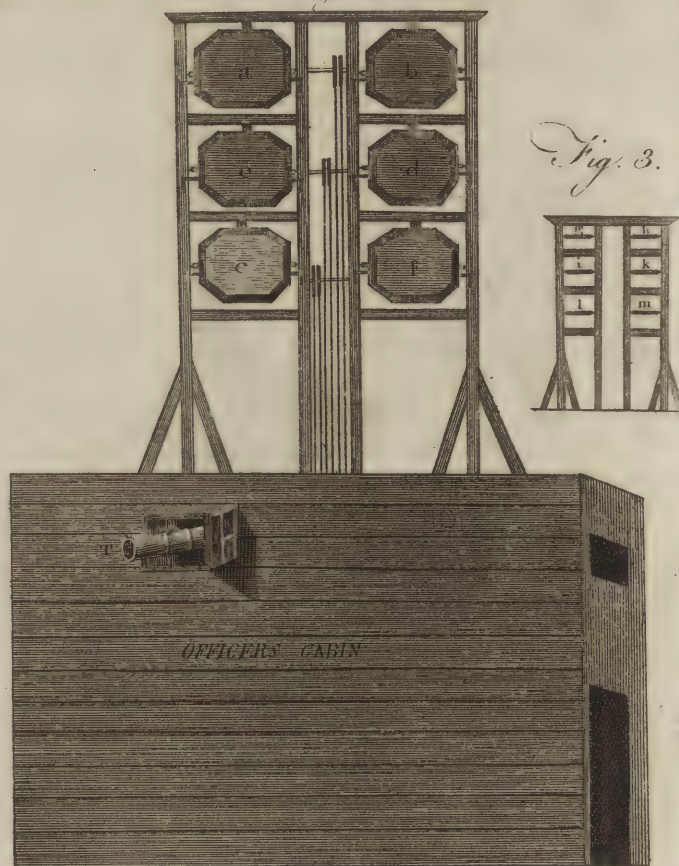
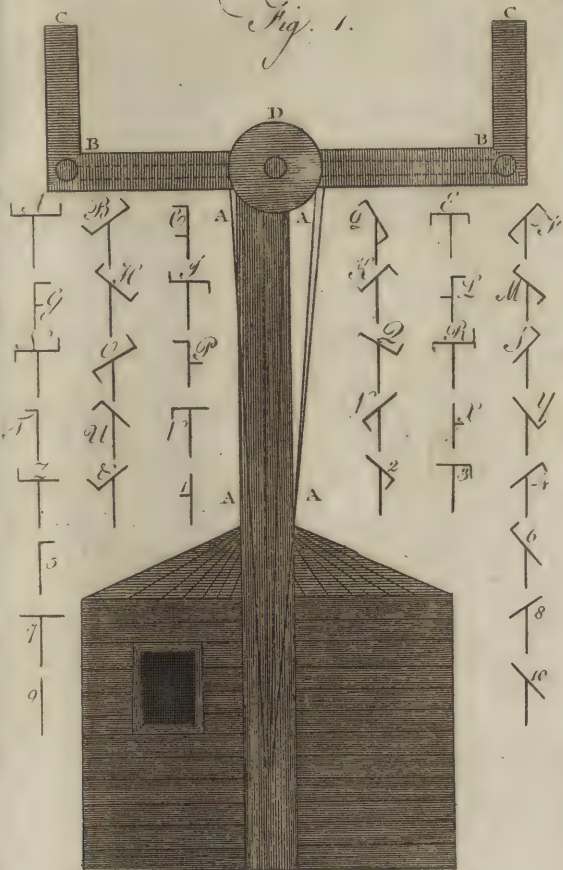
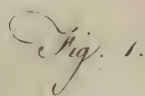
Plate DI.



Termes.







[The text on this page is extremely faint and illegible. It appears to be a list or a series of entries, possibly containing names and dates, but the details cannot be discerned.]

Fig. 5.B



Fig. 5.C



Fig. 7.



Fig. 8.

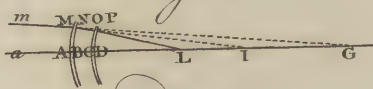


Fig. 10.B

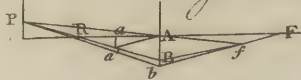


Fig. 10.

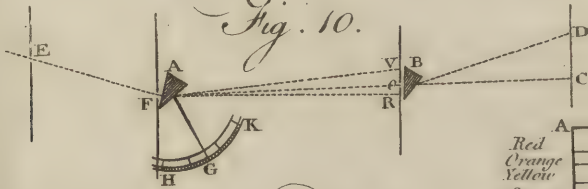


Fig. 13.



Fig. 12.

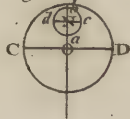


Fig. 15.A

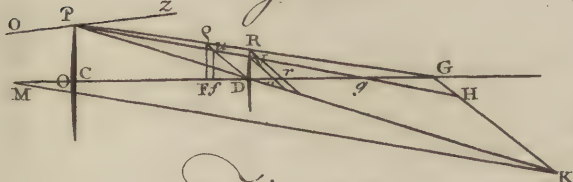


Fig. 15.B

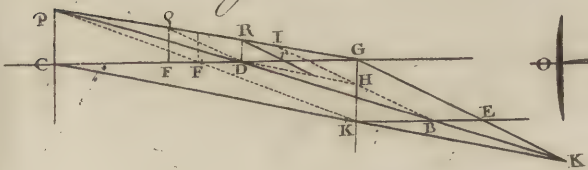


Fig. 5.

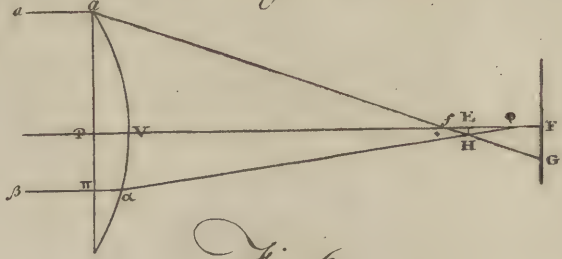


Fig. 6.

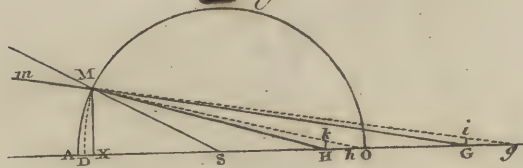


Fig. 9.A

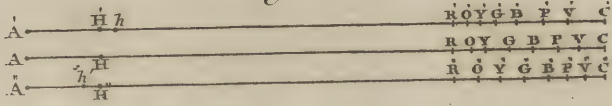


Fig. 9.B

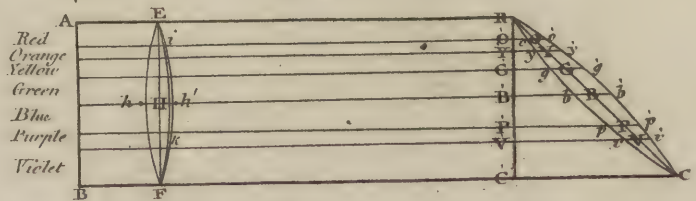


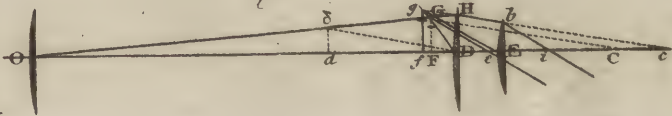
Fig. 11.

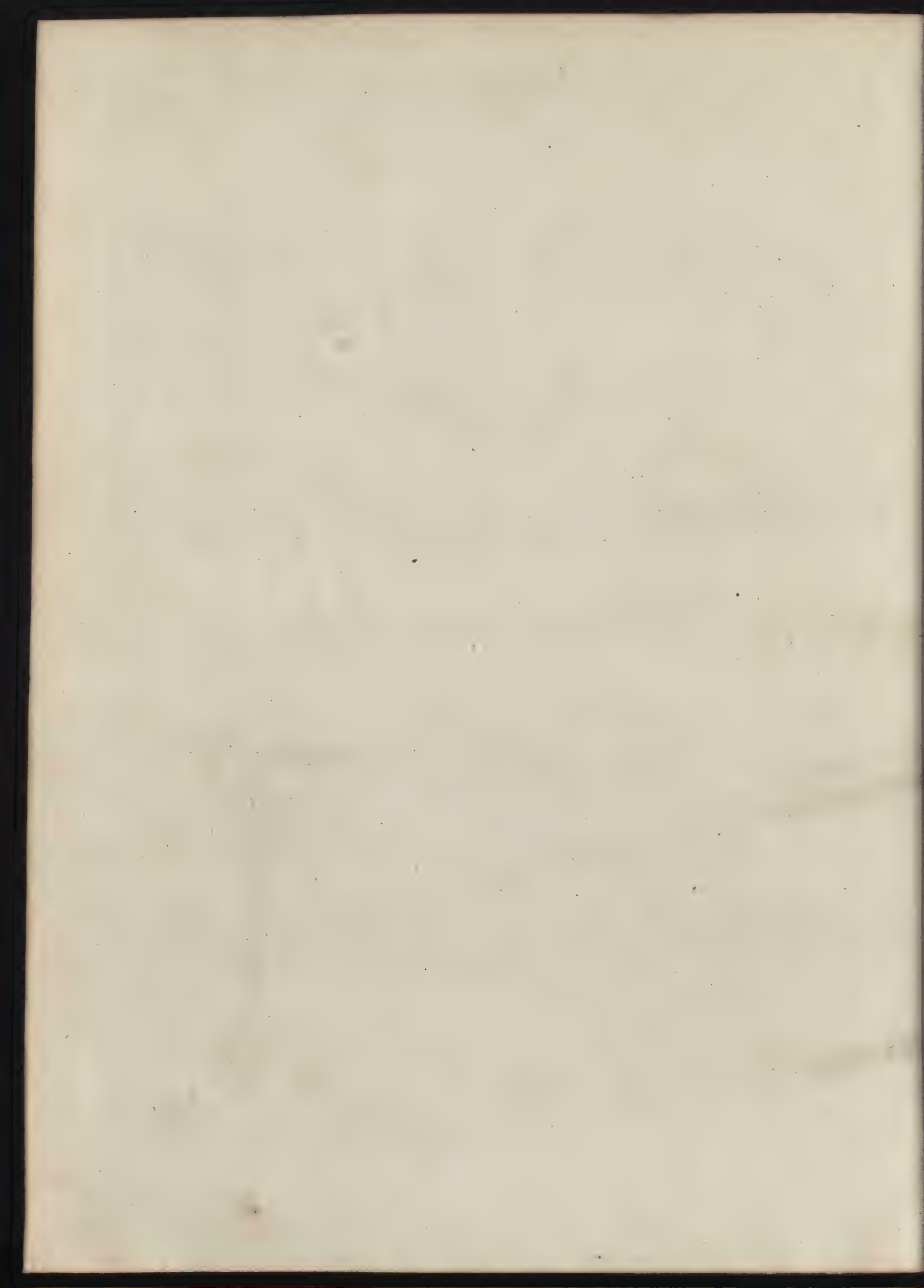


Fig. 14.A



Fig. 14.B





TELESCOPE.

Plate DIV.

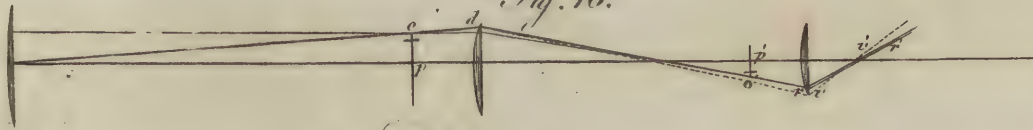


Fig. 17.

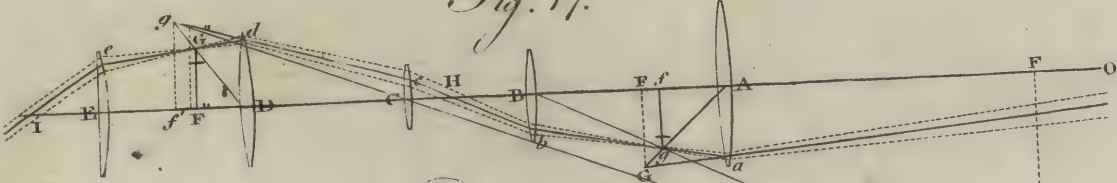


Fig. 18.



Fig. 19.

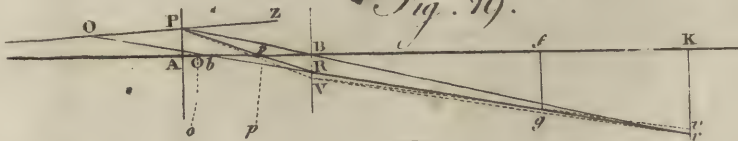


Fig. 20. No. 2.

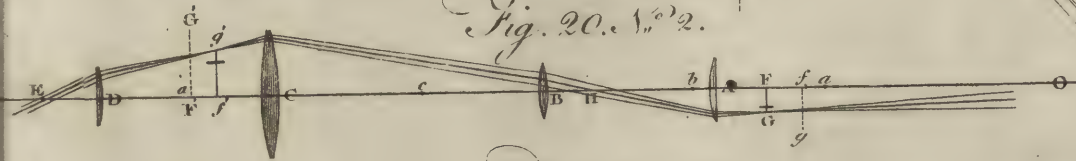


Fig. 20. No. 1.

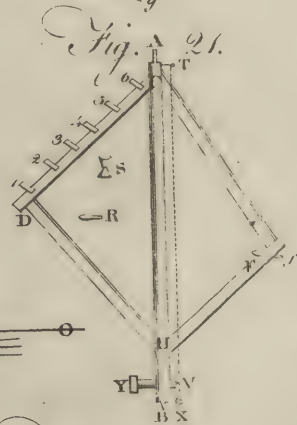
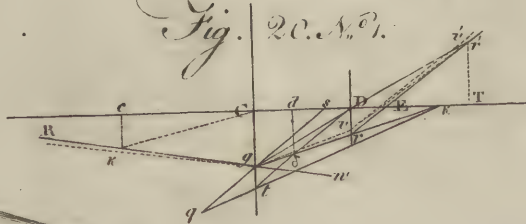


Fig. 23.

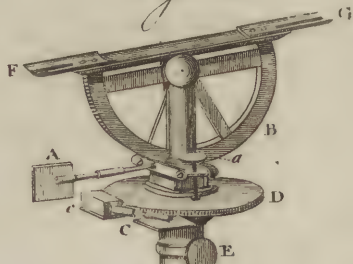
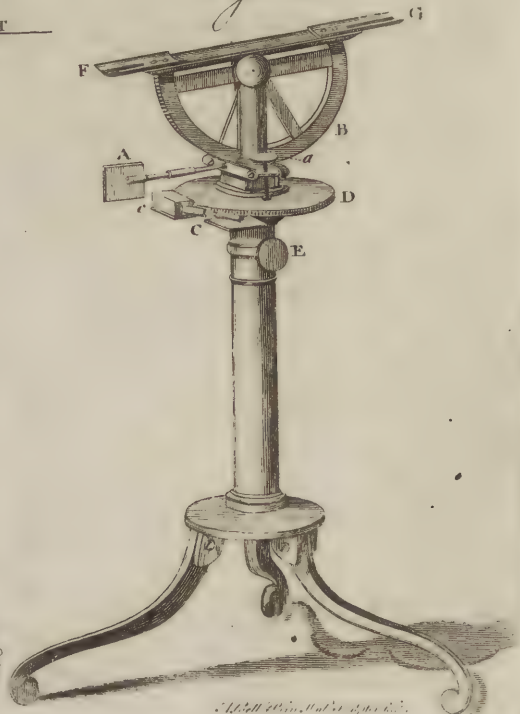
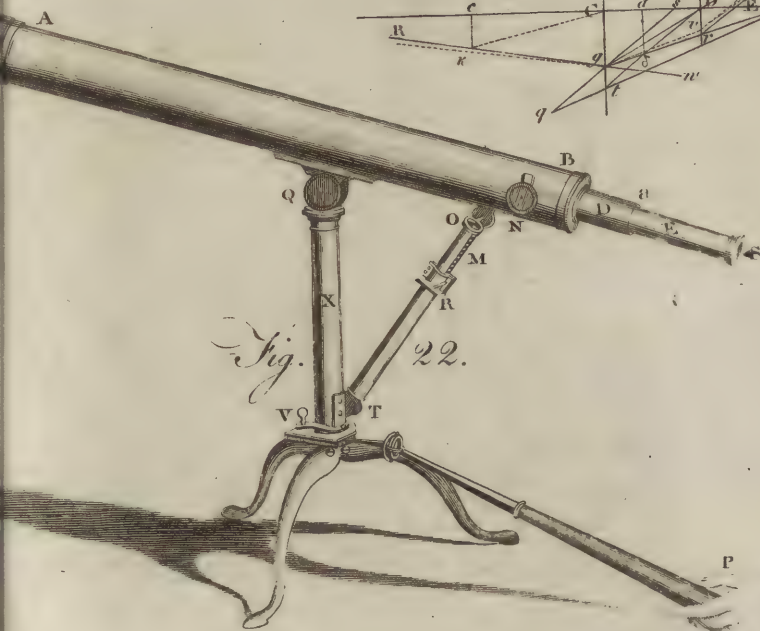


Fig. 22.

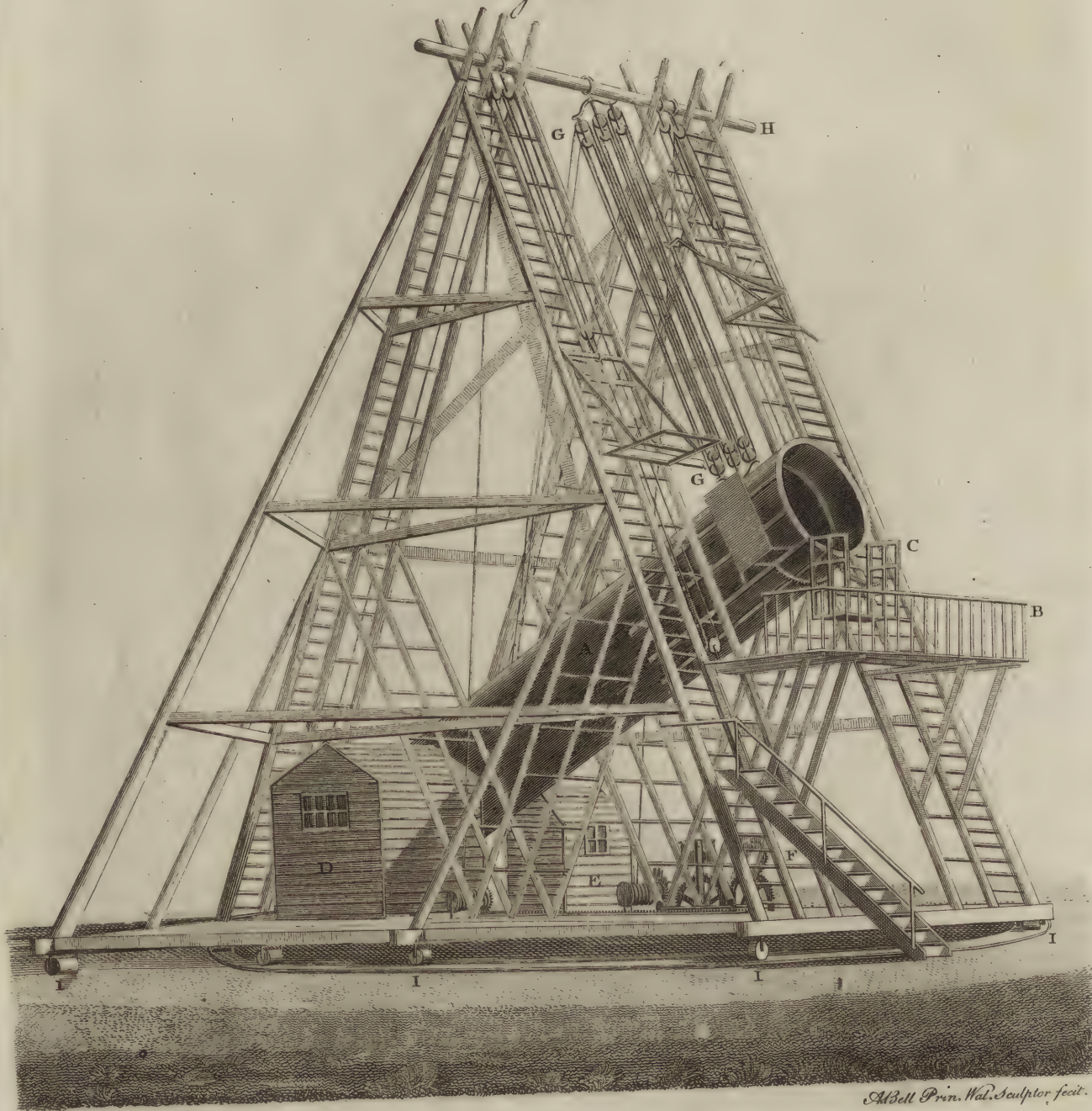


W. & A. G. & Co. London.



Herschels Grand
TELESCOPE.
Fig. 24.

Plate DV.



McBell Prin. Wal. Sculptor fecit.



THERMOMETERS.

Plate DVI.

Fig. 1.

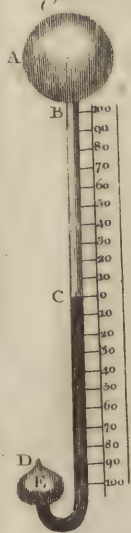


Fig. 2.

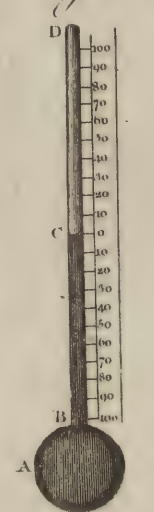


Fig. 3.

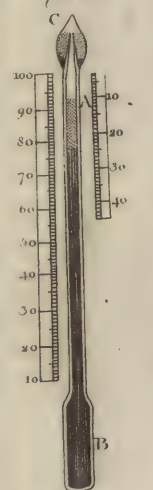


Fig. 4.

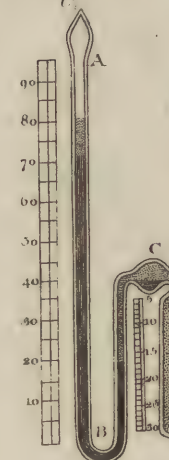


Fig. 7.



Fig. 8.

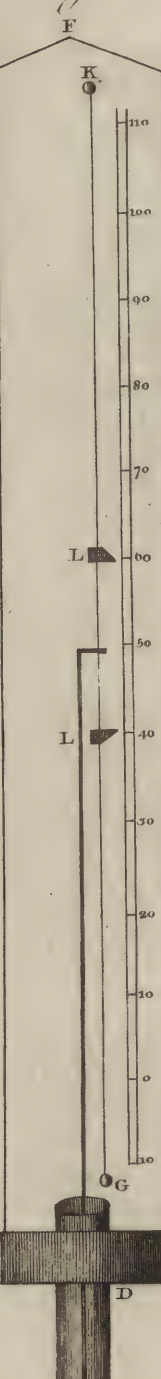


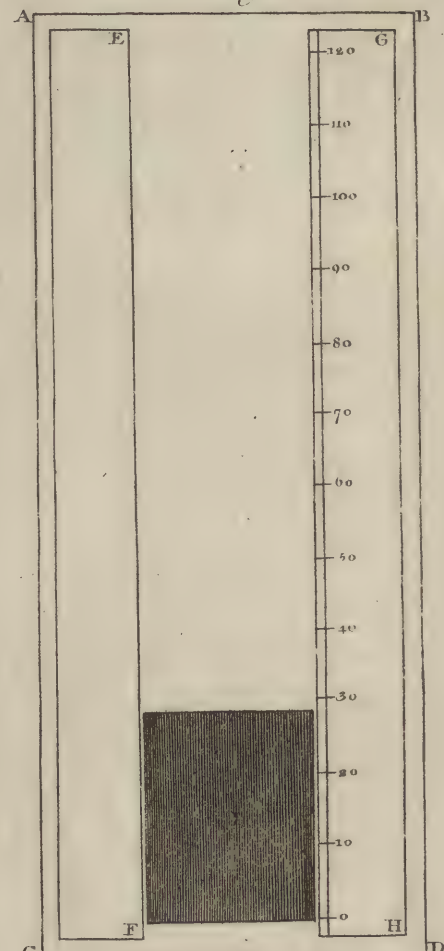
Fig. 5.



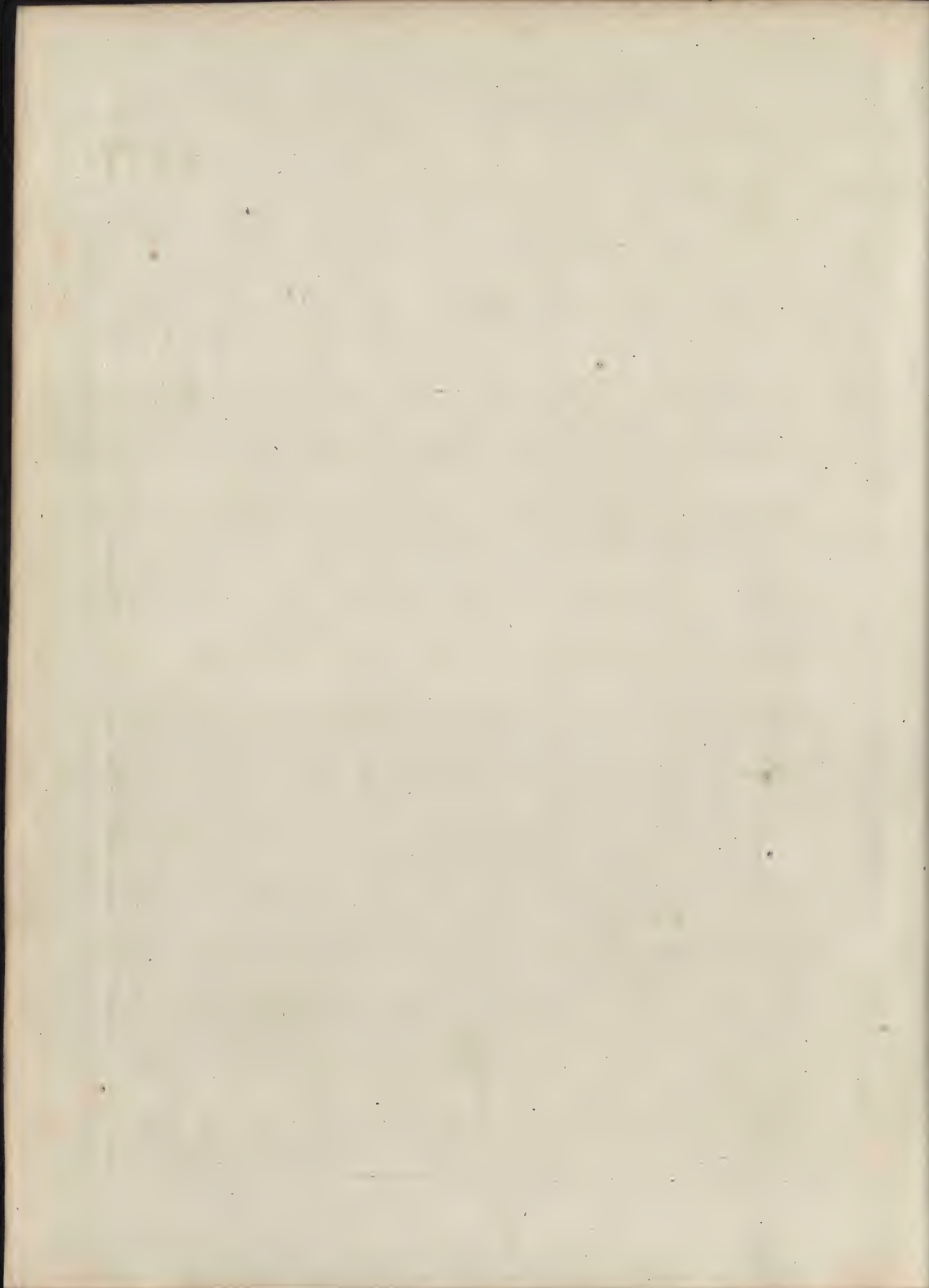
Fig. 6.



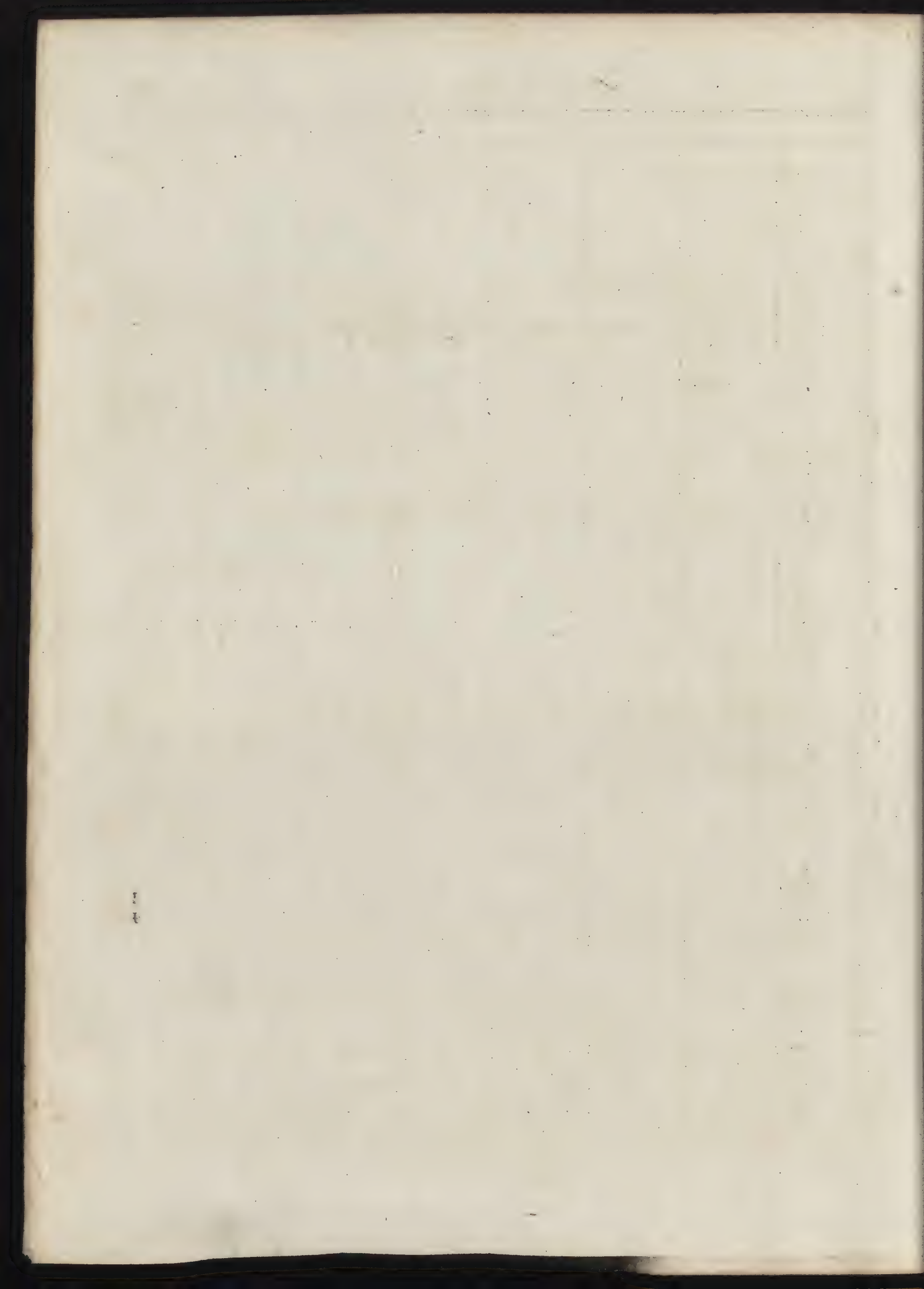
Fig. 9.



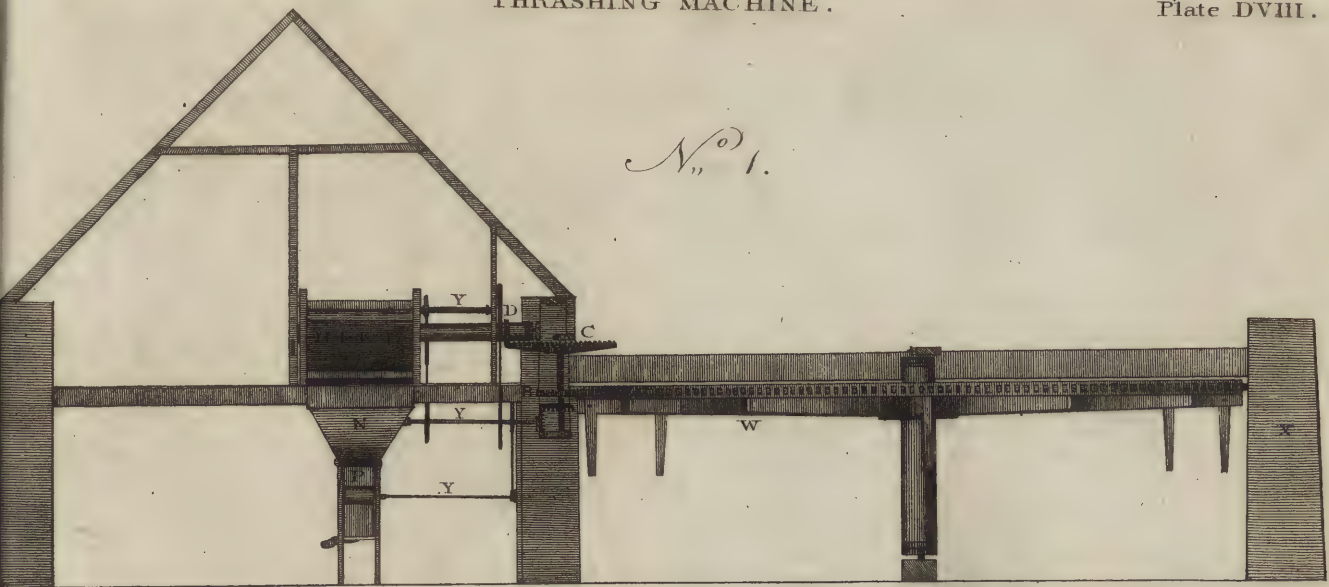
A. Bell & P. M. H. al. Sculptor pict.



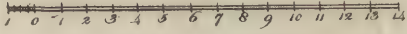
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Fahrenheit																		
Florence																		
Paris																		
De la Hire																		
Amontons																		
Poëni																		
Reaumur																		
De l'île																		
Cruvequius																		
R. Society																		
Newton																		
Fowler																		
Hales																		
Edinburgh																		
Celsius																		
Reaumur																		
De Linc.																		
or																		
Reaumur																		



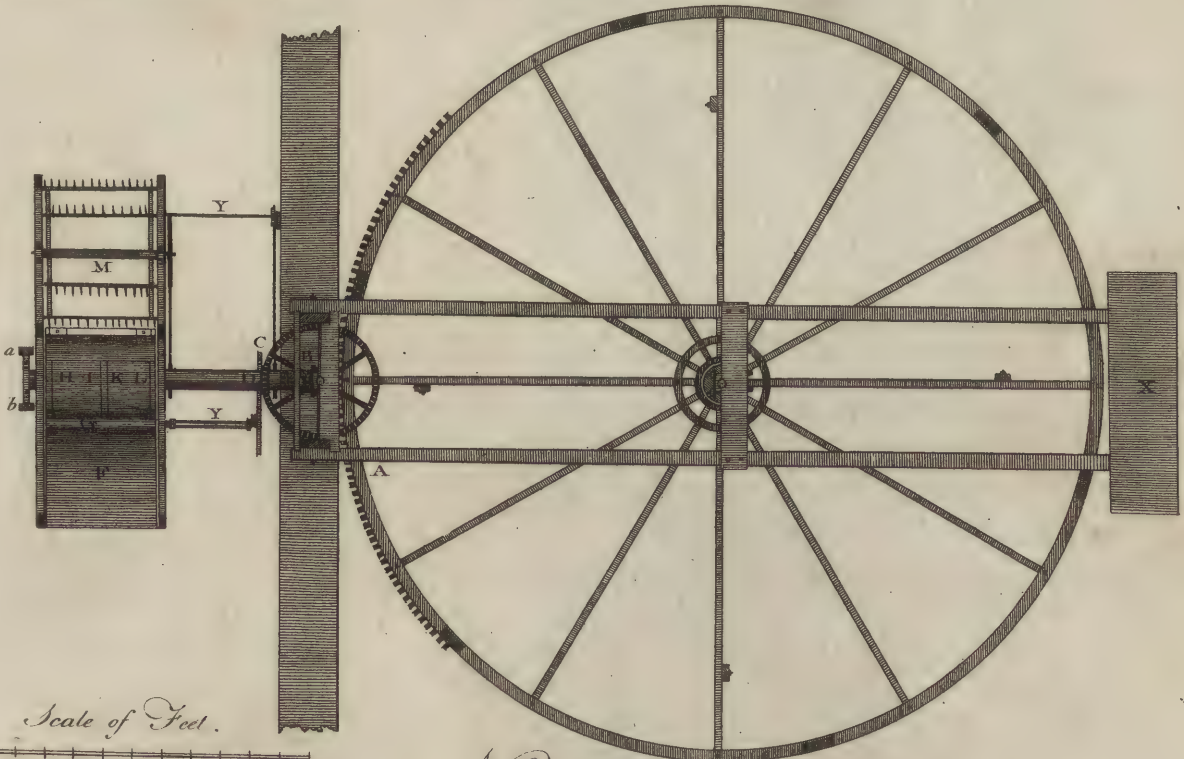
N^o 1.



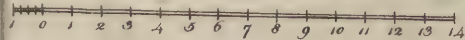
Scale of Feet.



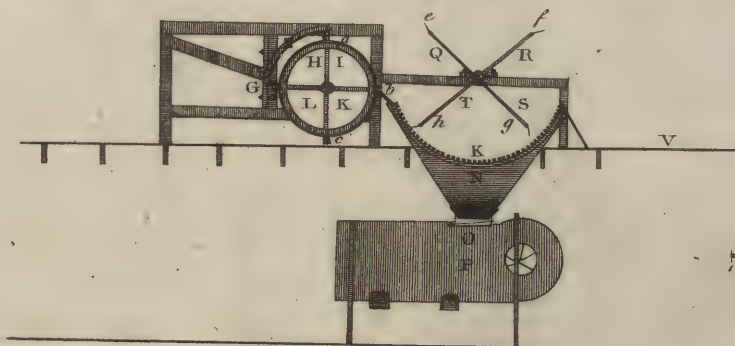
N^o 2.



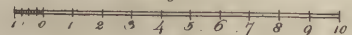
Scale of Feet.



N^o 3.



Scale of Feet.



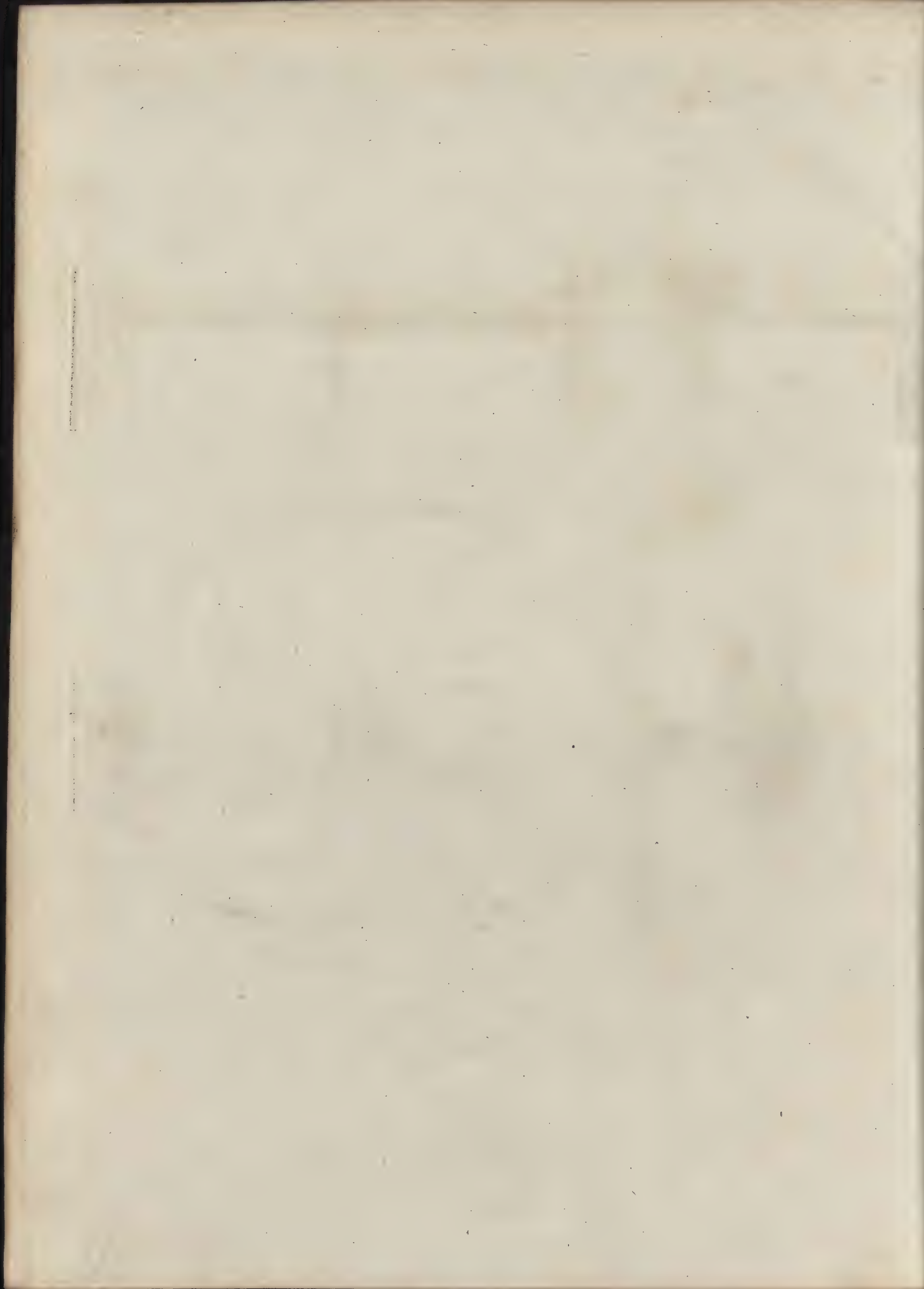


Fig. 1.

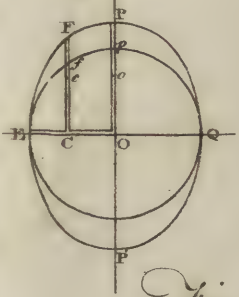


Fig. 2.

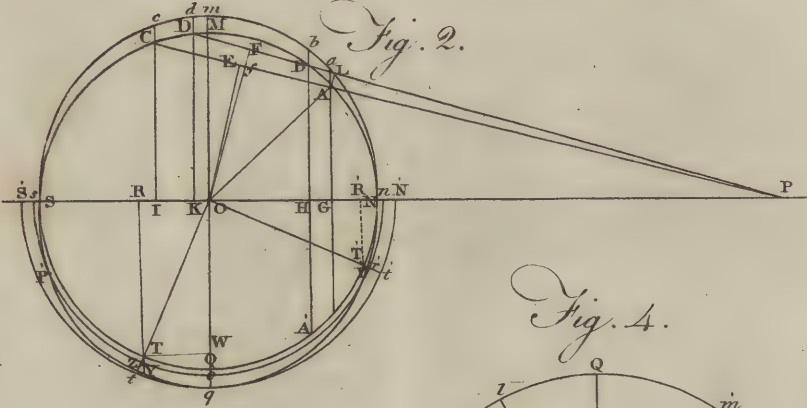


Fig. 3.

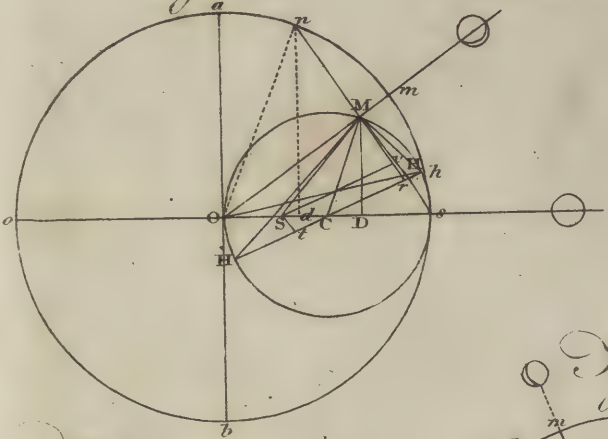


Fig. 4.

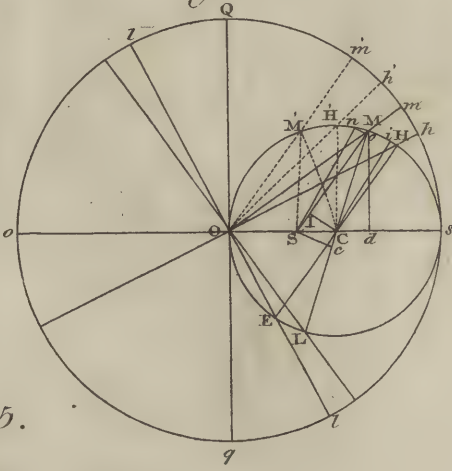


Fig. 5.

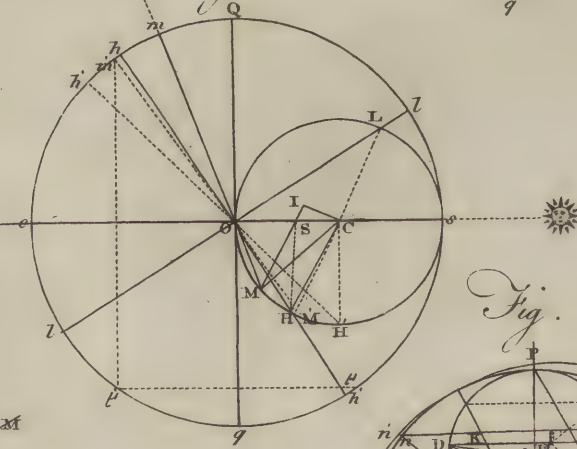


Fig. 6.

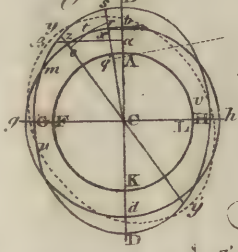


Fig. 7.

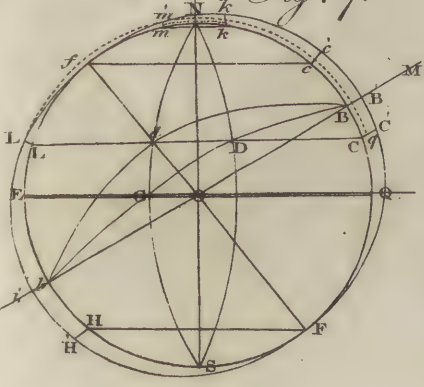
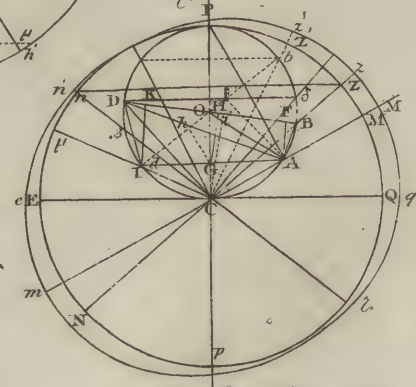


Fig. 8.



Ad Bell Pin. Nat. sculptor fecit.

White bear.



Gryphus.



Vampire.



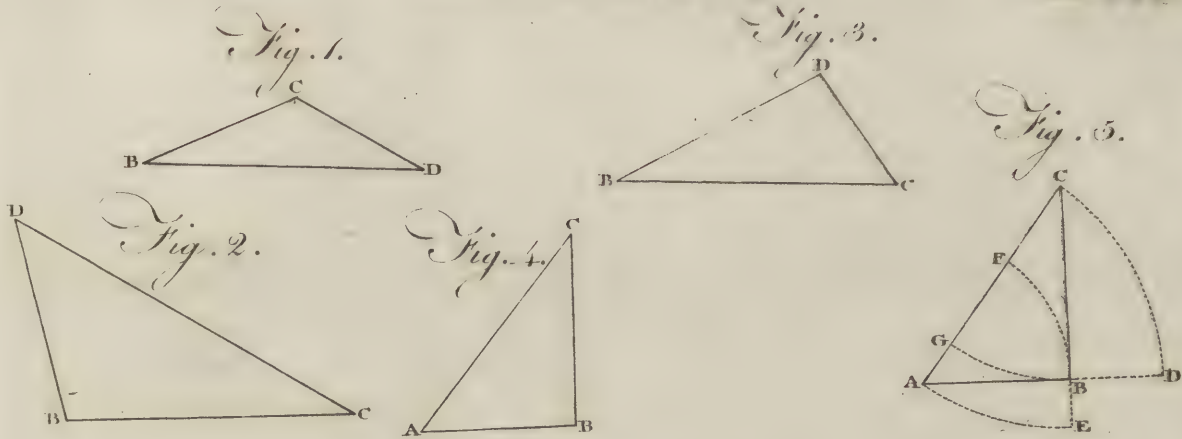
Walrus.



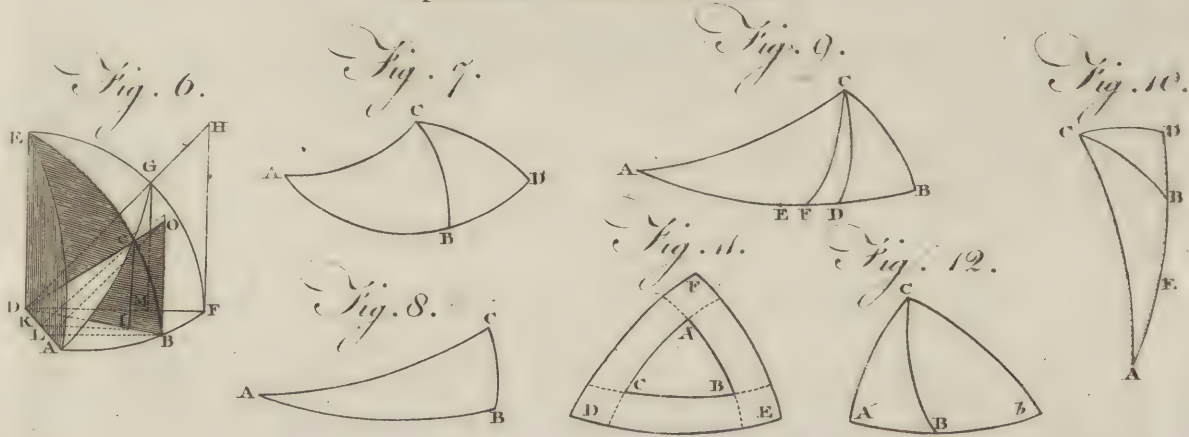
Abell Pin. Walrus fecit.

Plane TRIGONOMETRY.

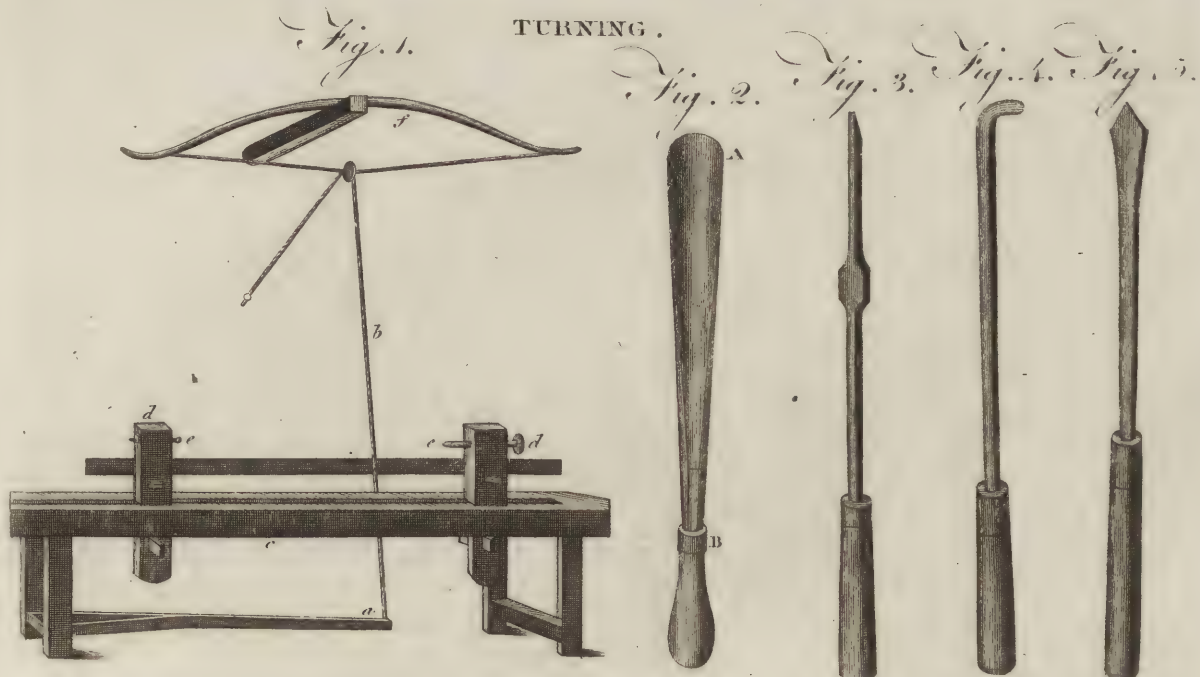
Plate DAI.



Spherical TRIGONOMETRY.



TURNING.



W. & A. Bell, London.

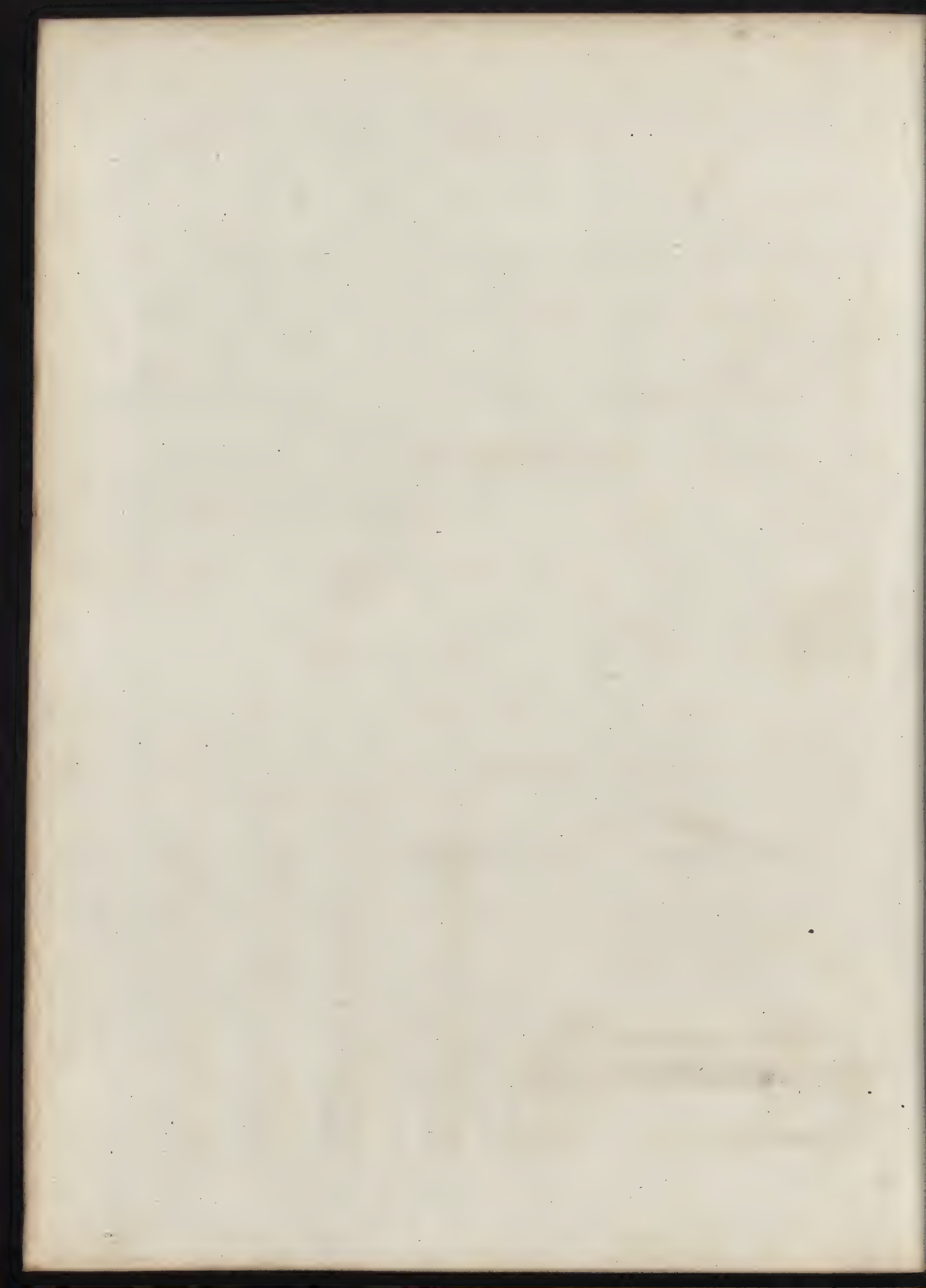


Fig. 1.

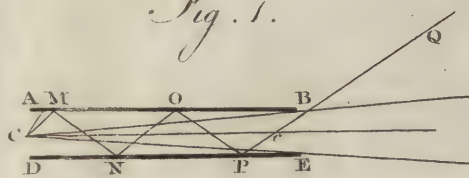


Fig. 2.

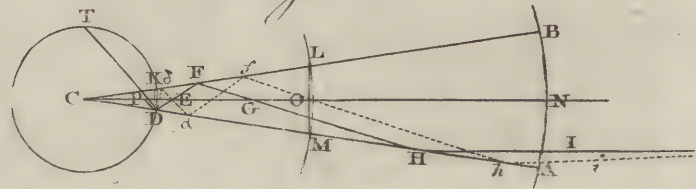


Fig. 3.

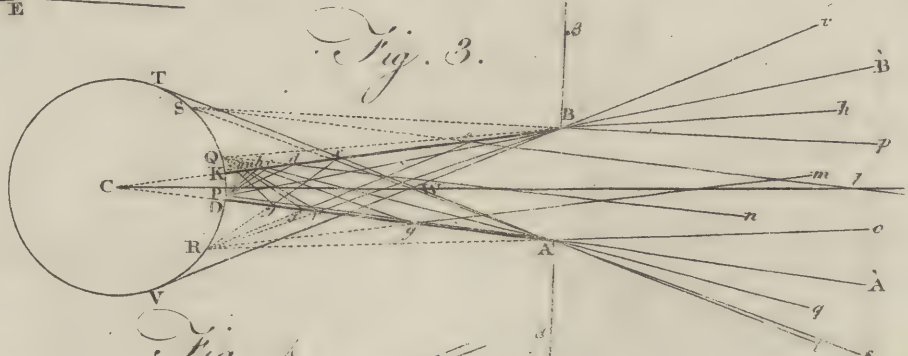


Fig. 4.

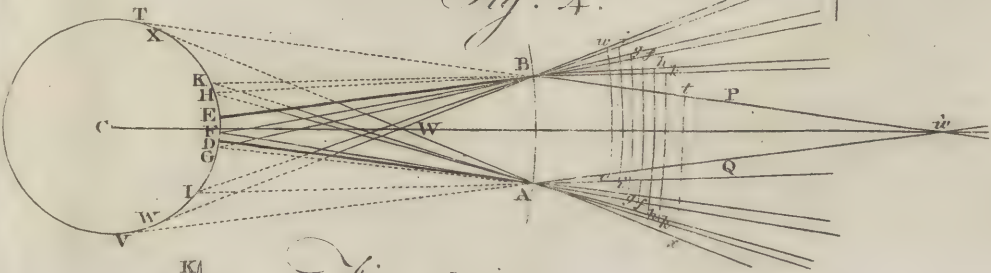


Fig. 5.

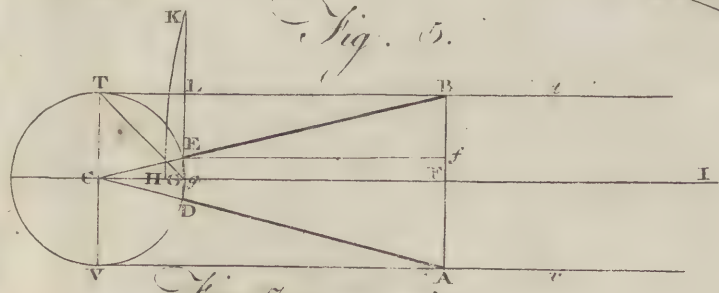


Fig. 7.

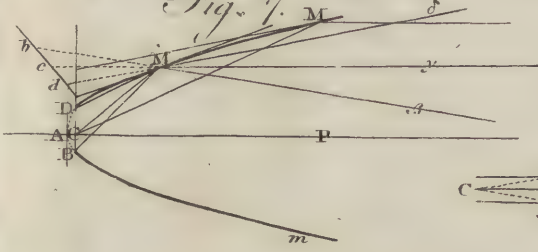
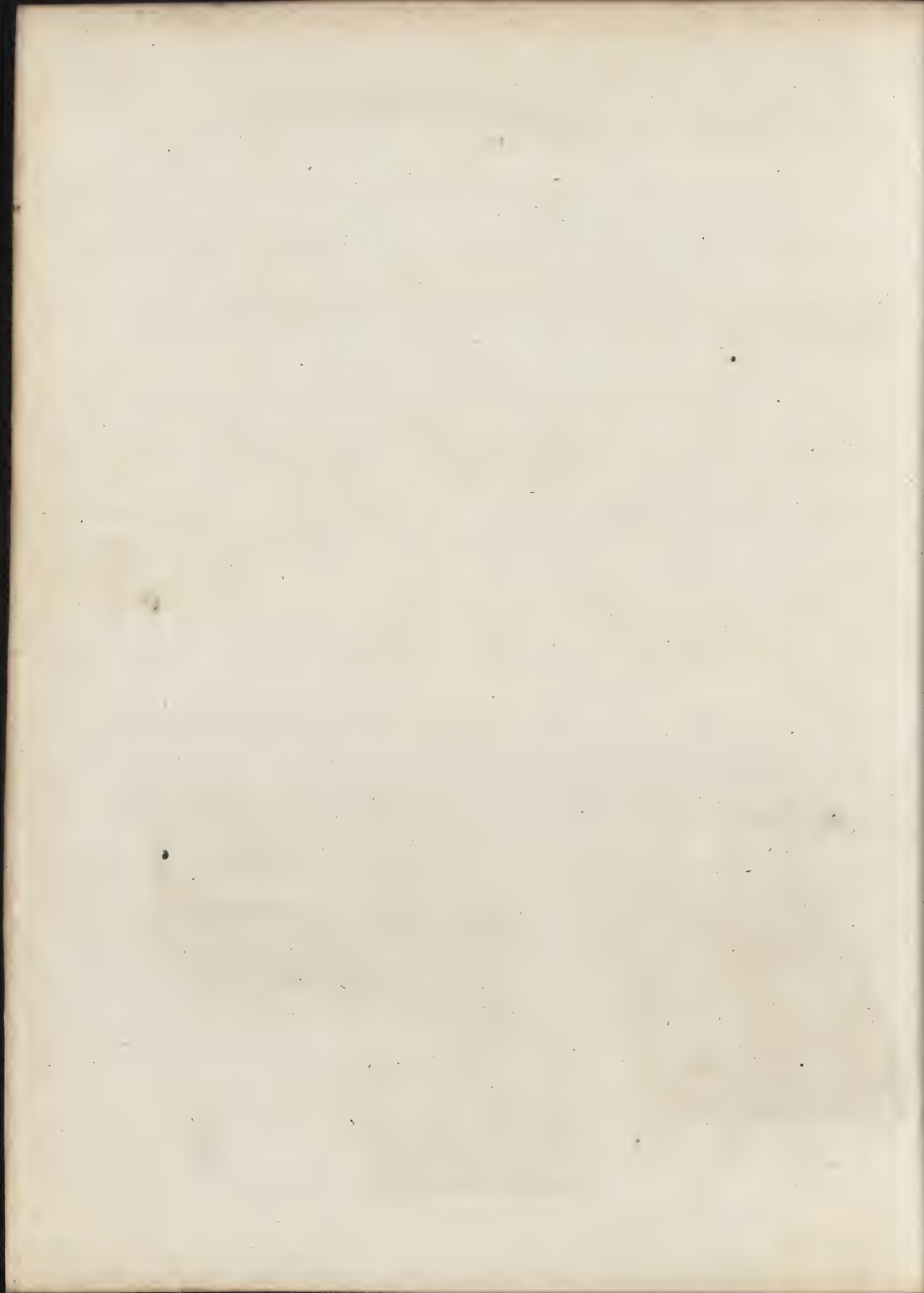


Fig. 6.



Ad. Belli & Prim. H. A. sculptor fecit.



VARIATION.

Plate DXIII.

Fig. 1.

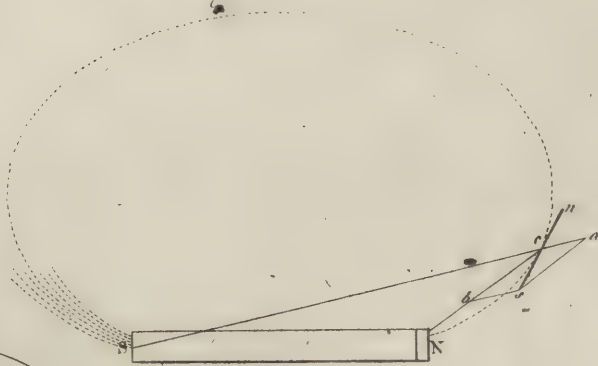


Fig. 2.

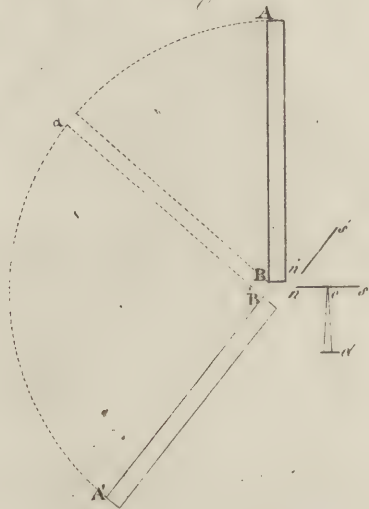
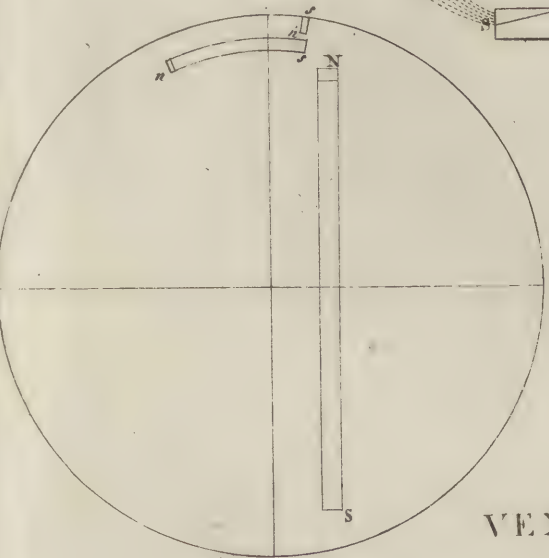


Fig. 3.



VENTILATOR.

Fig. 2.

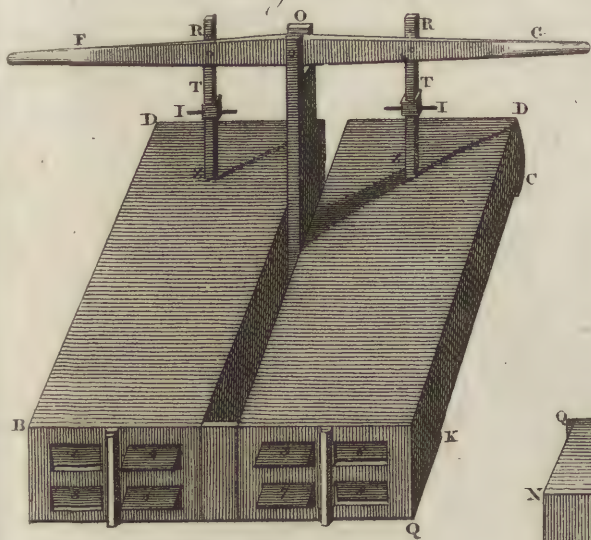


Fig. 1.

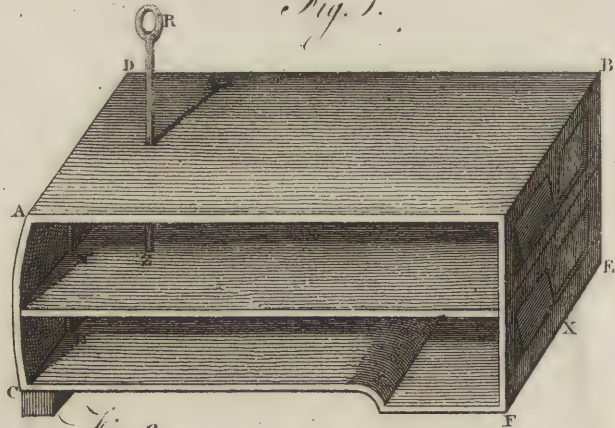
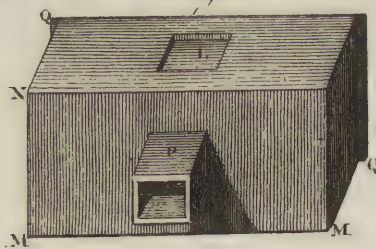
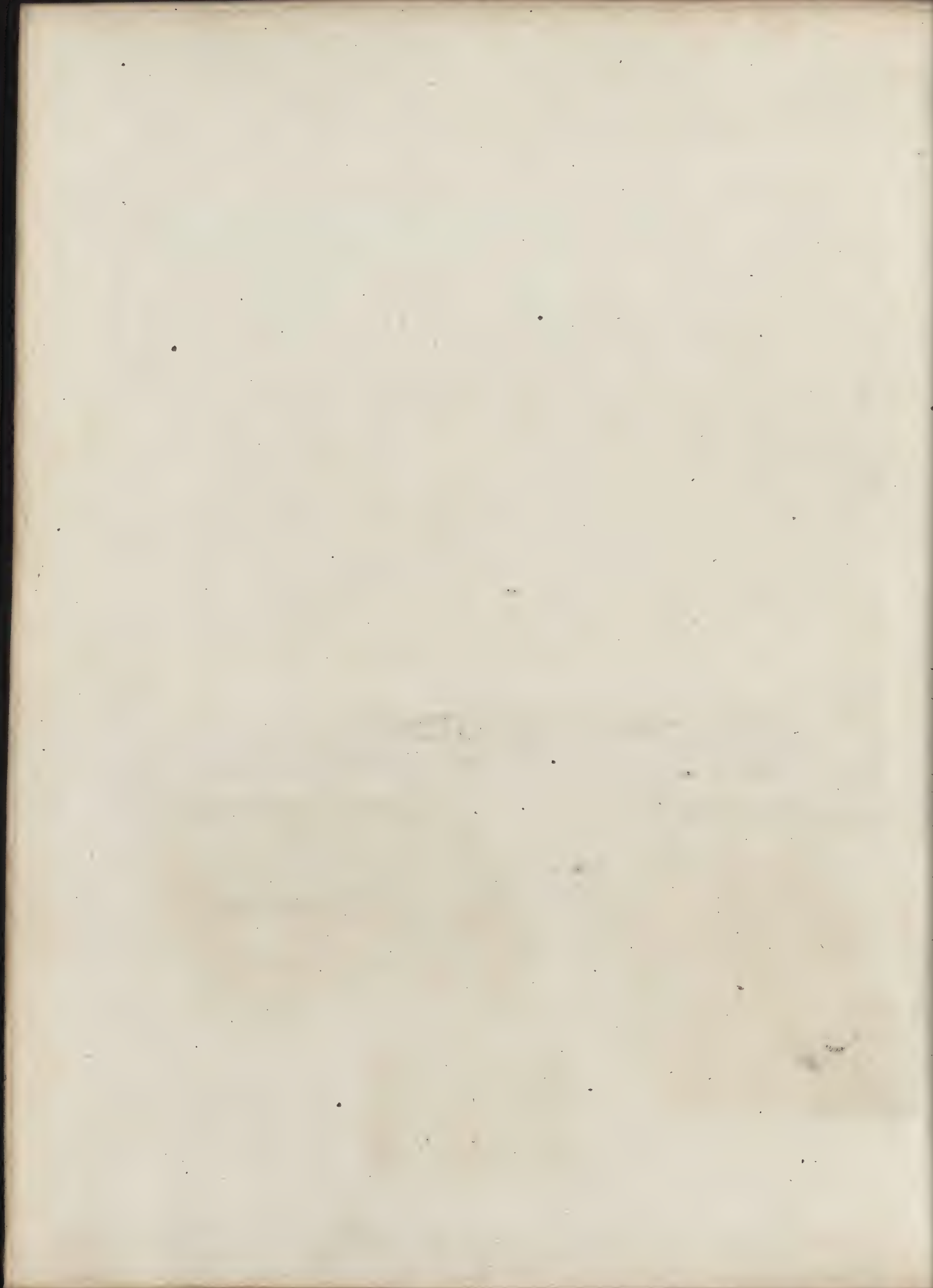


Fig. 3.





Plan of the March of an Army in Six Columns.



Scale of $\frac{1}{2}$ a League.



A. Bell Prin. Wal. Sculptor fecit.

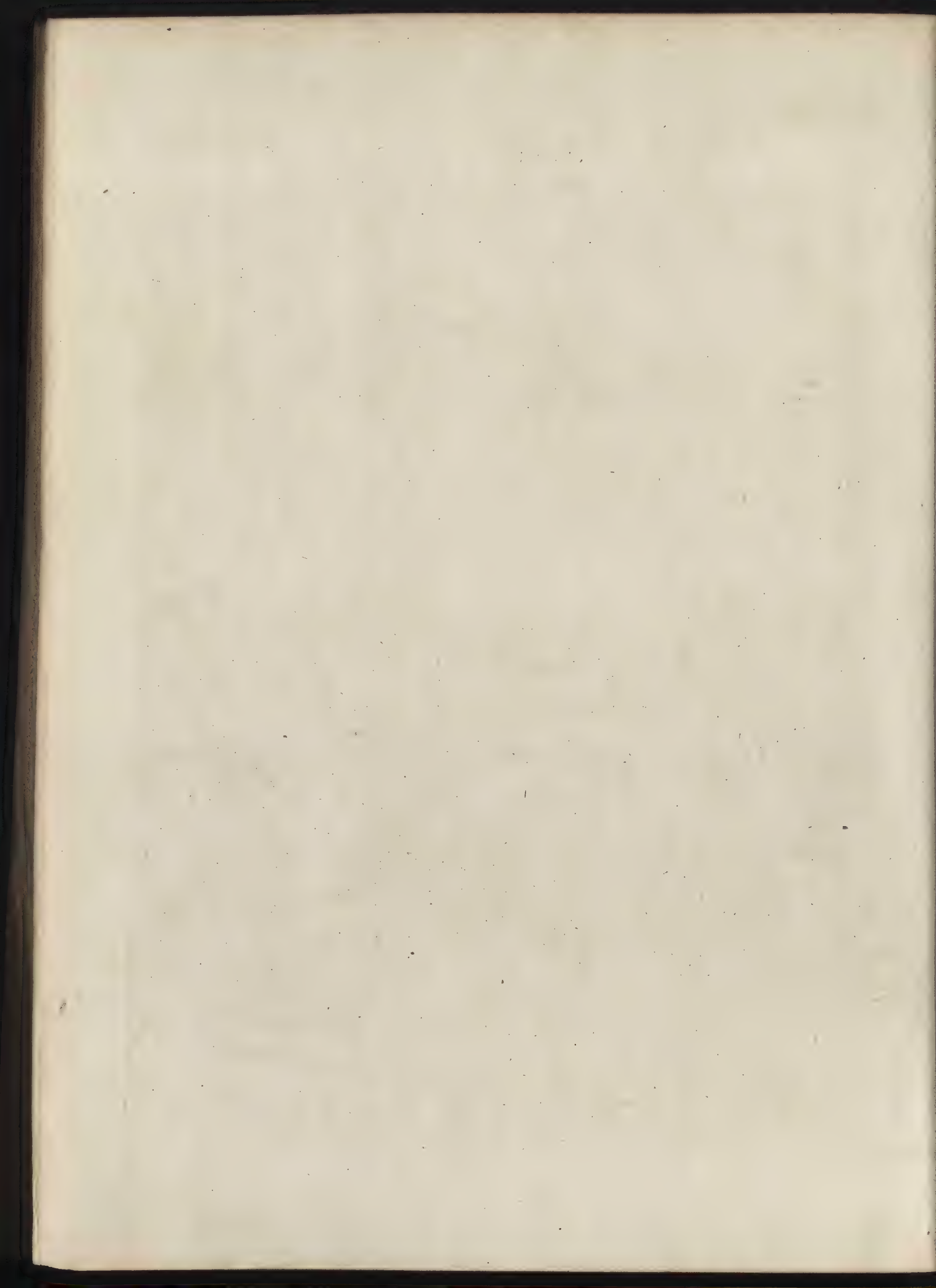
WAR.

Plate DXV.

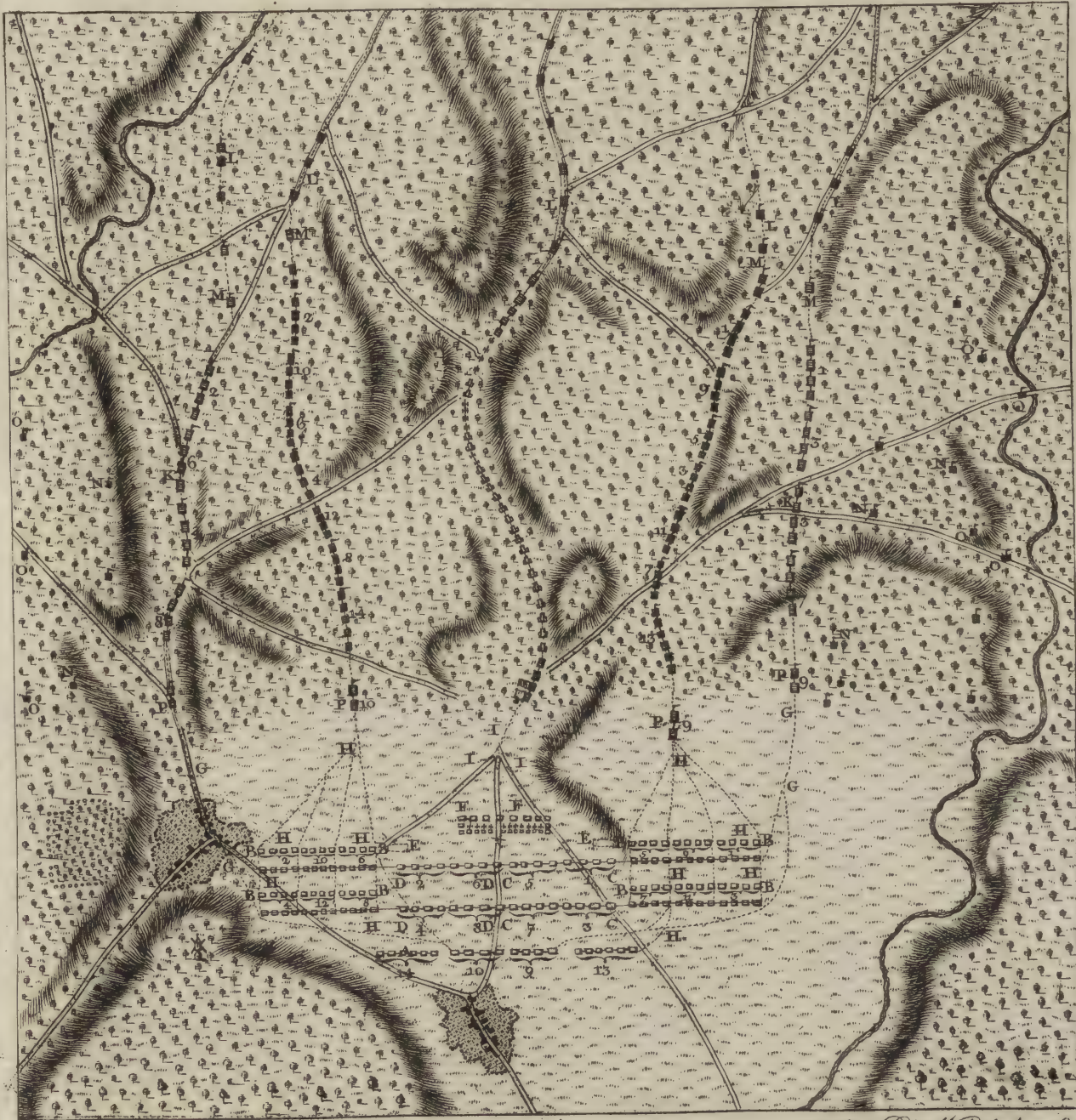
The March of an Army through a Mountainous Country.



A. Bell. Pin. Nal. Sculptor fecit

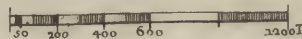


Plan of the March of an Army through a Woody Country.



A. Bell Pin. Wat. Sulptor fecit.

Scale of $\frac{1}{2}$ a League.

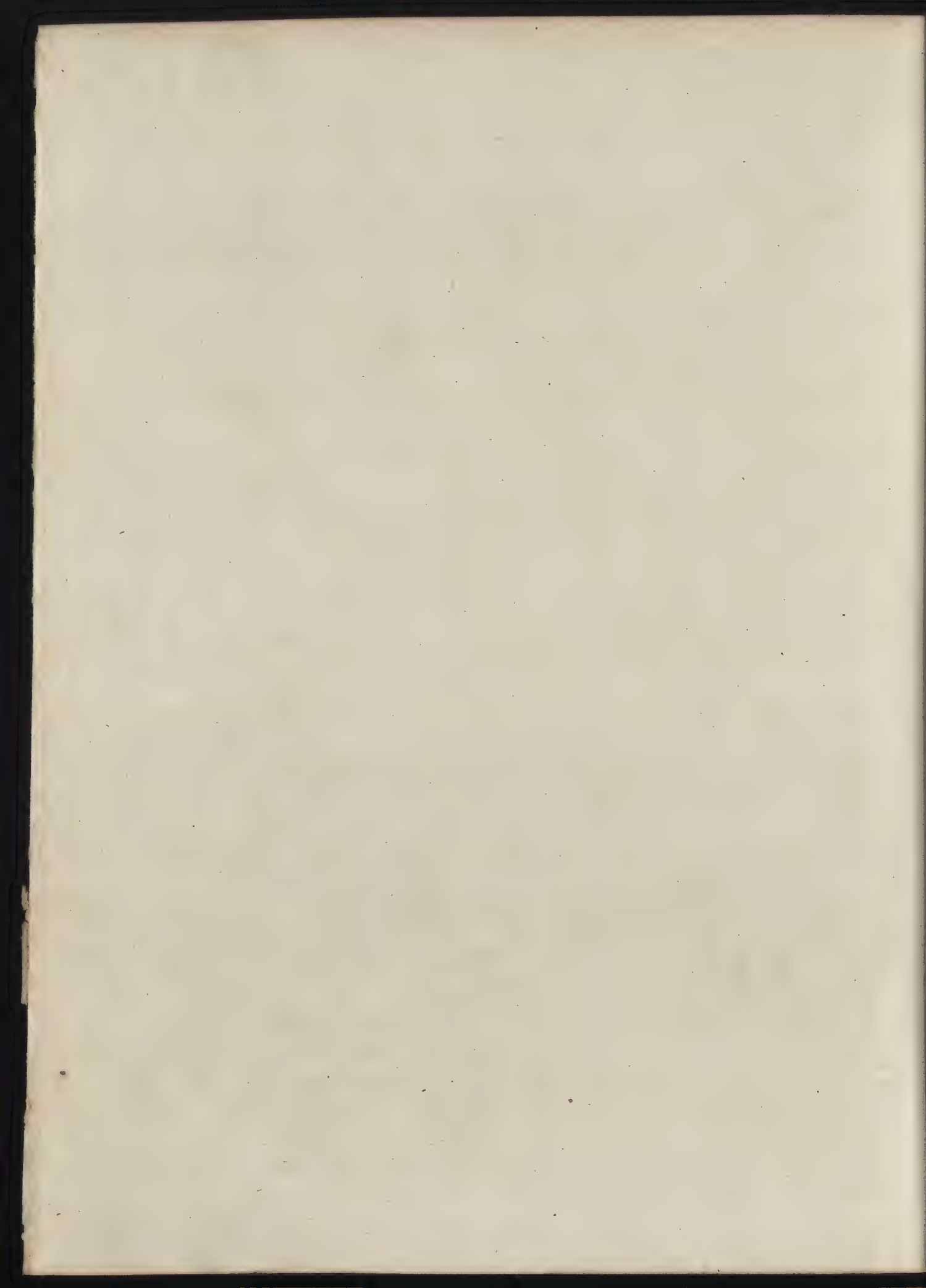




Plan of the Position of an Army in its Camp.

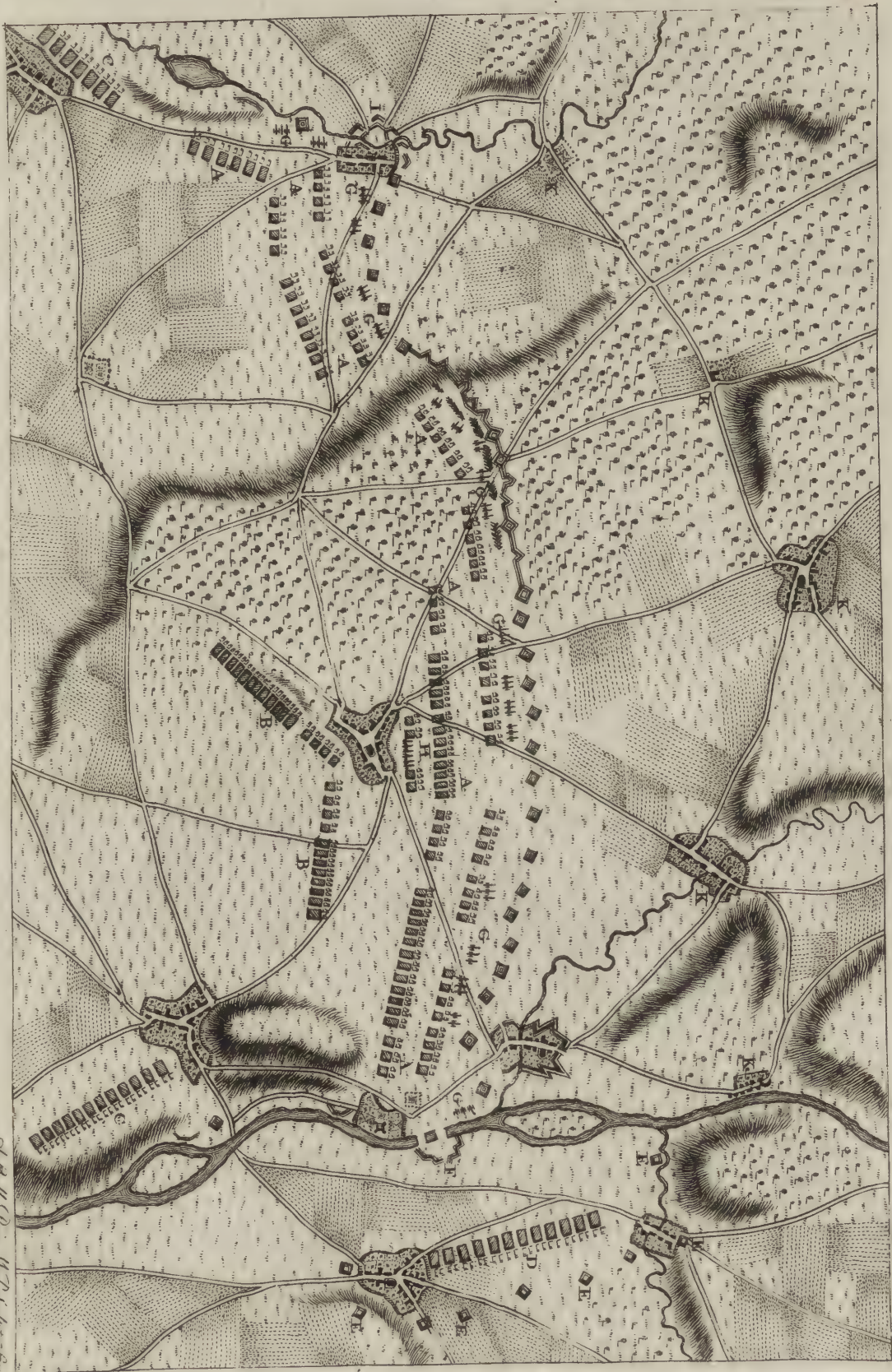
Plate DXVII.





Plan of an Intrenched Camp.

Plate DXVII.

Scale of $\frac{1}{2}$ a League

A. Hall, Jr. M.D. Lecturer



PLAN of the Position of an Army for the Defence of a RIVER.

I.



Scale of 1 League.
100 400 1200 2400 T.

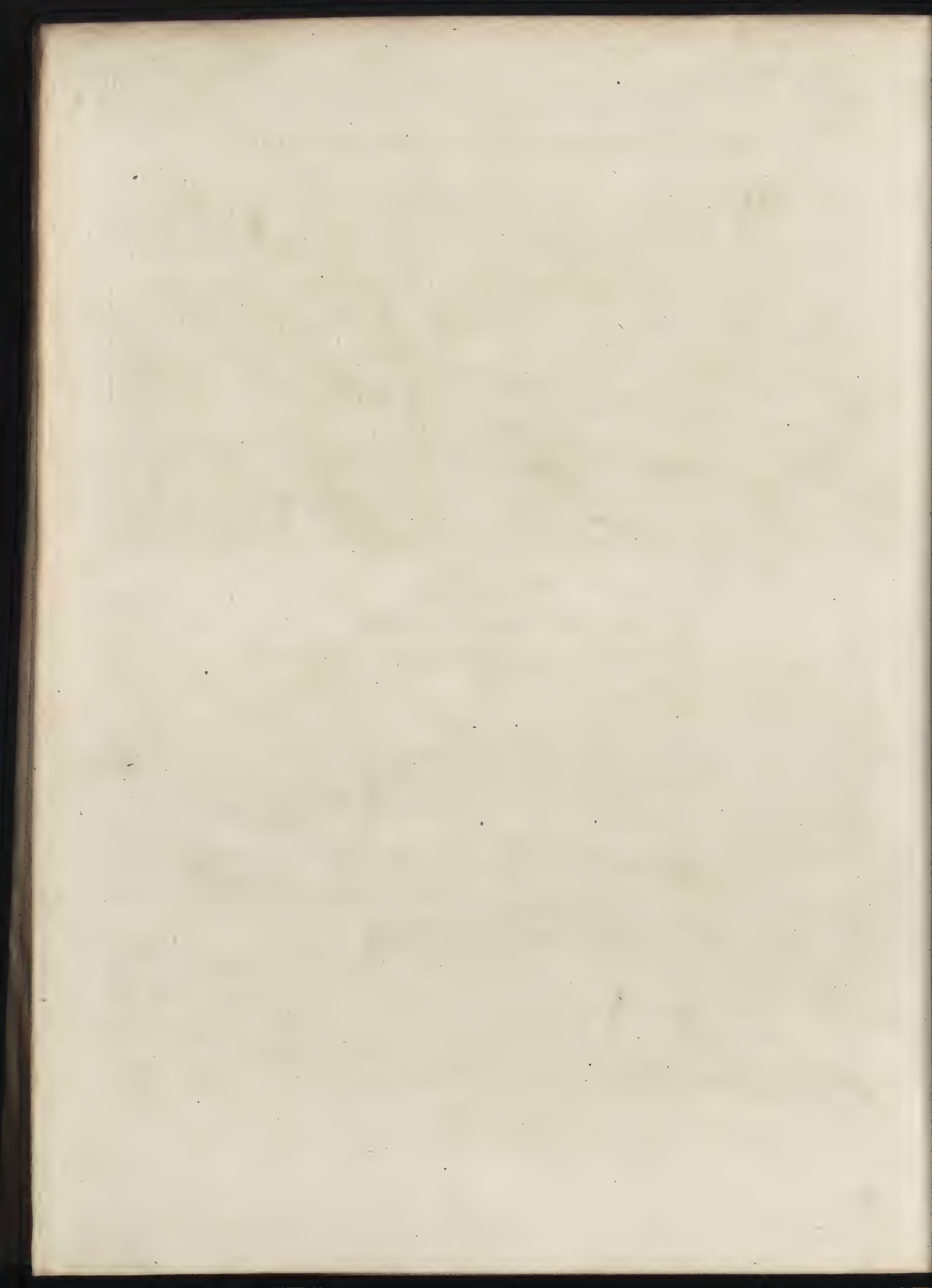
PLAN of the Passage of a RIVER.

II.



Scale of $\frac{1}{2}$ a League
20 300 600 1200 T.

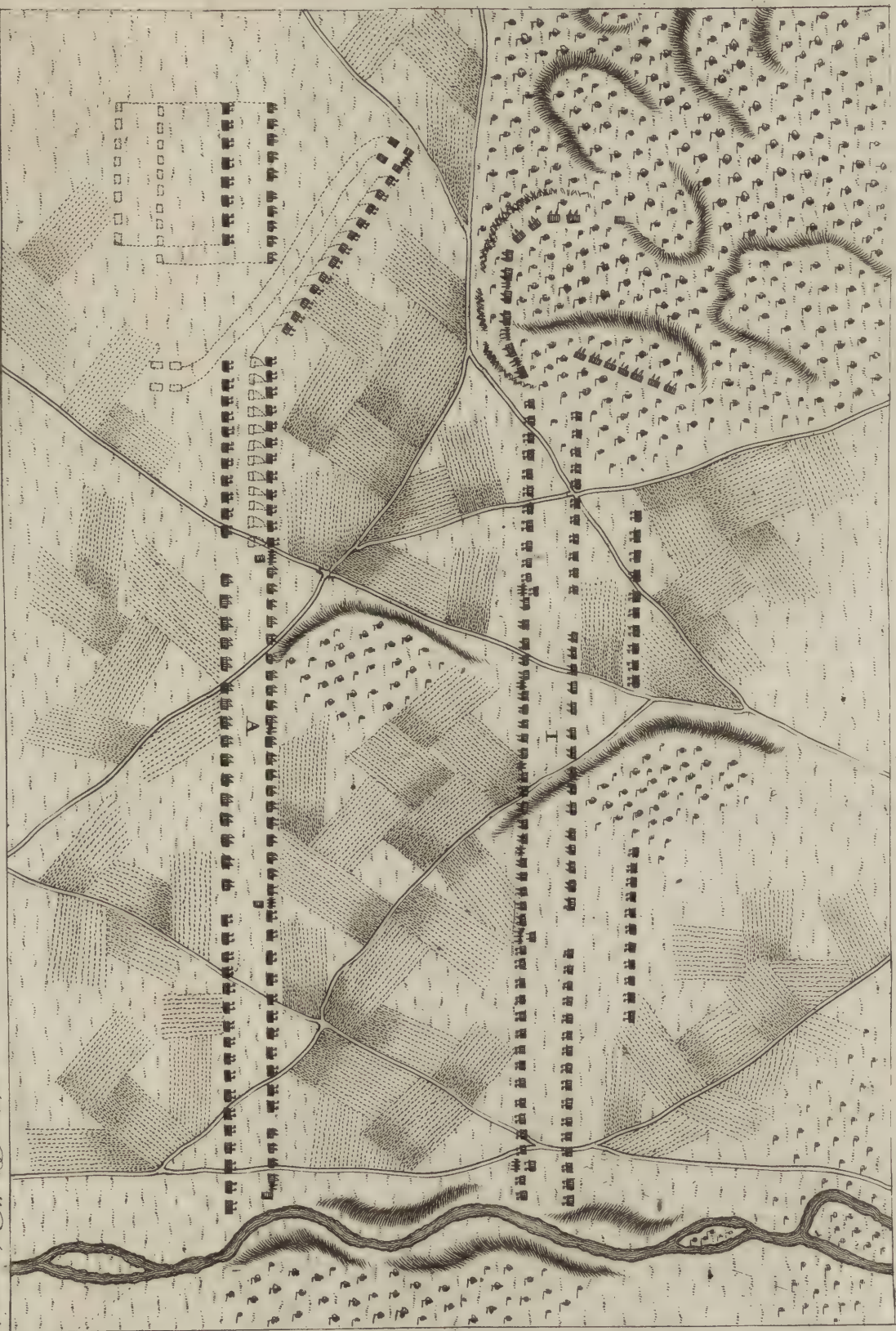
A. Bell Prin. & Map. Sculptor fecit.



WAR.

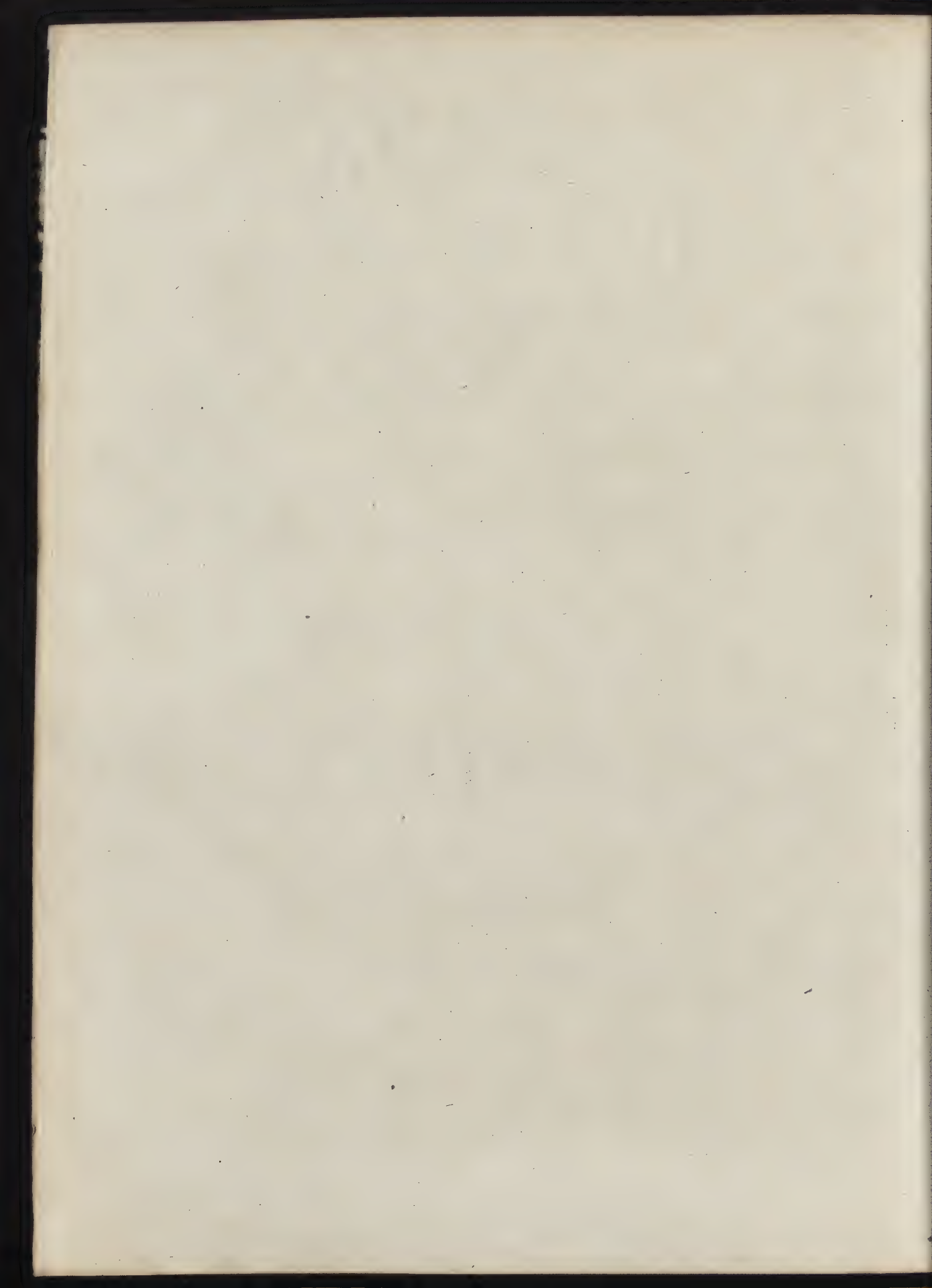
Plan of an Order of Battle, 1st Division.

Plate DXX.



Scale of $\frac{1}{2}$ a League
30 300 600 1200 f.

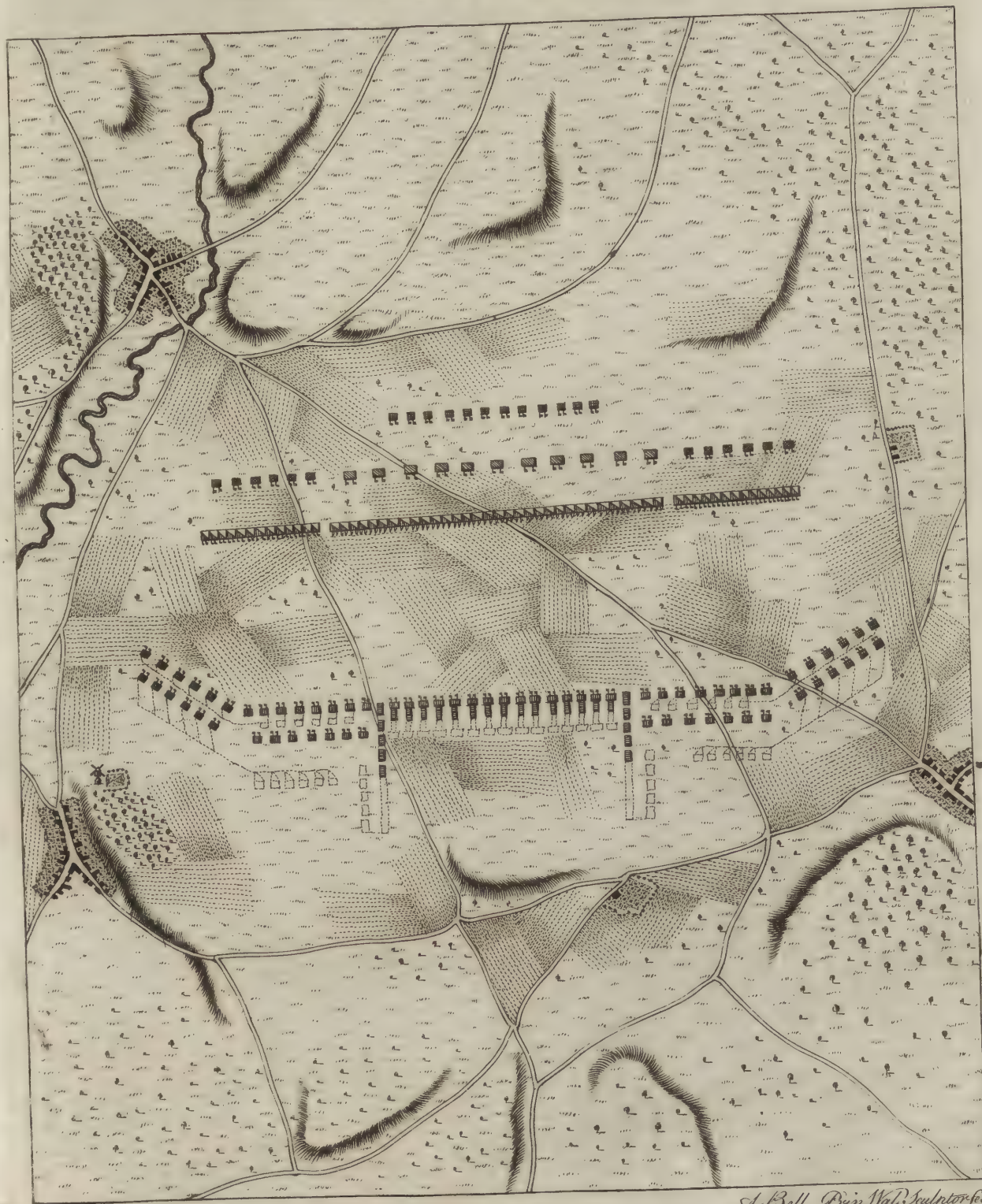
St. Hill, Stone, Md. August 1861.



WAR.

Plan of an Order of Battle, IInd Disposition.

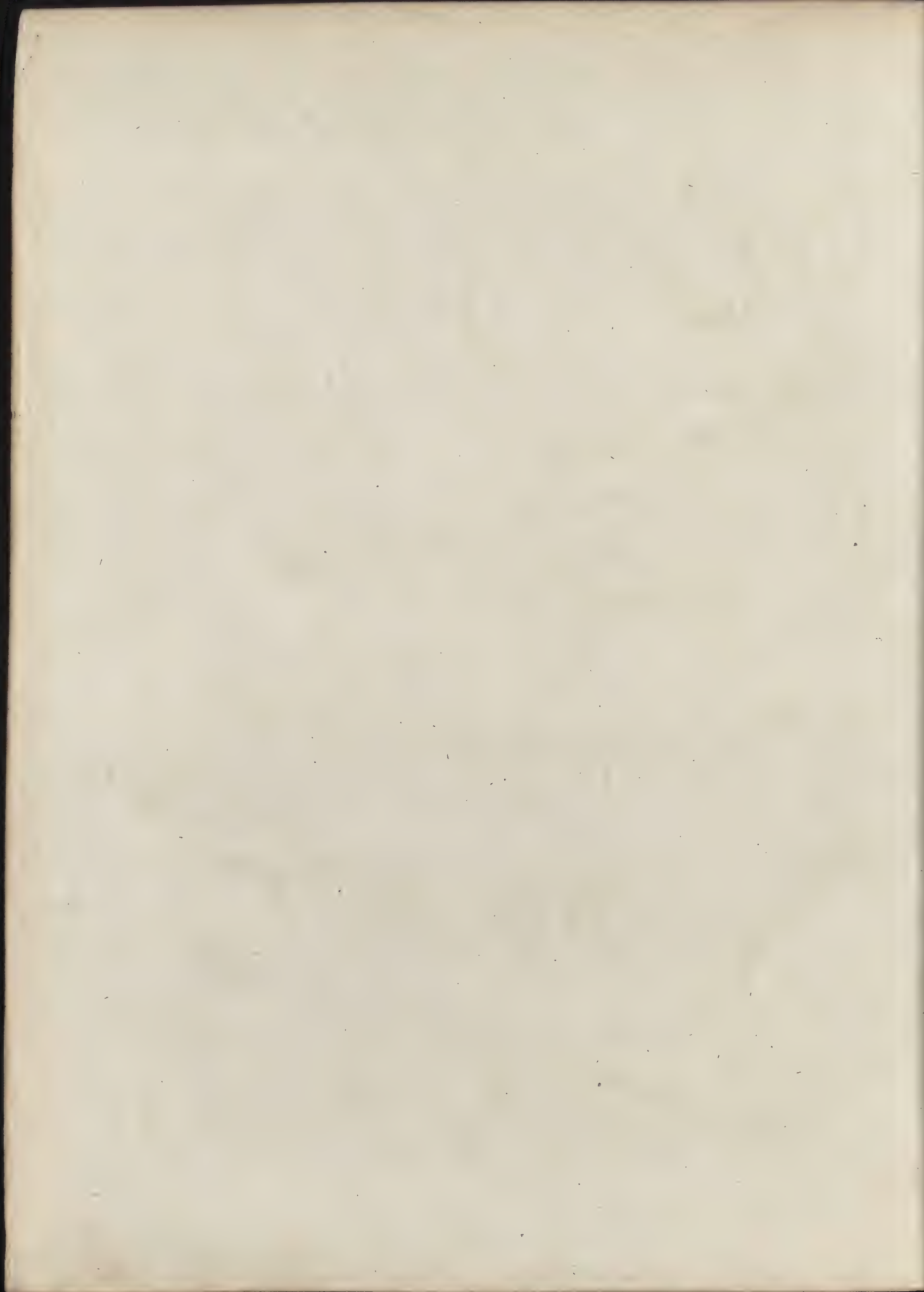
Plate DXXI.



Scale of $\frac{1}{2}$ a League

300 600 1200 T.

A. Bell. Prin. Wal. Sculptor fecit.



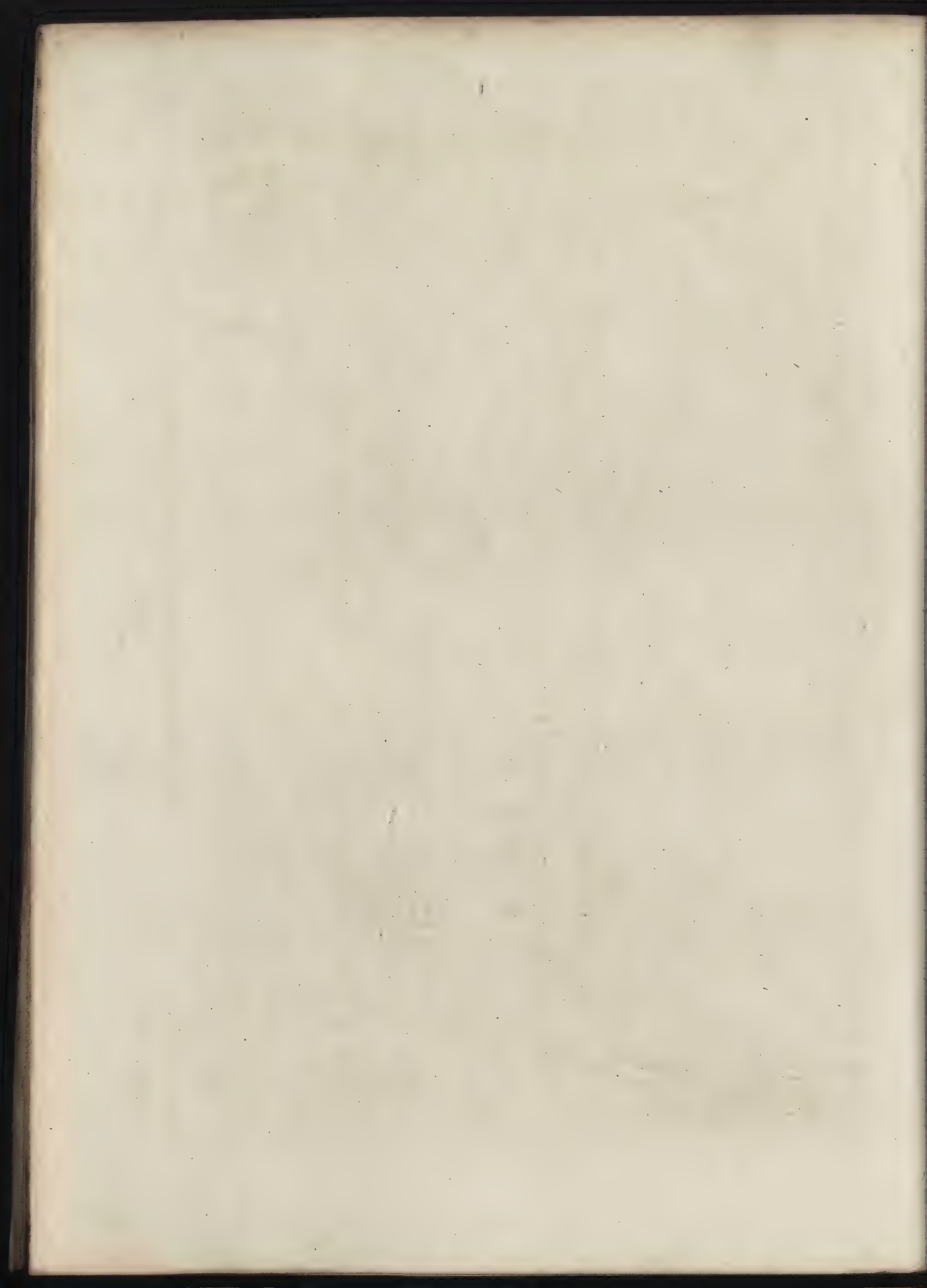
WAR.
Plan of an Order of Battle, III^d Disposition.

Plate DXXII.



Scale of 1/2 a League.
300 600 1200 F.
30 60 120 M.

St. Hill & Poon. Map. 1864.



WAR.

Plate DXXXIII.

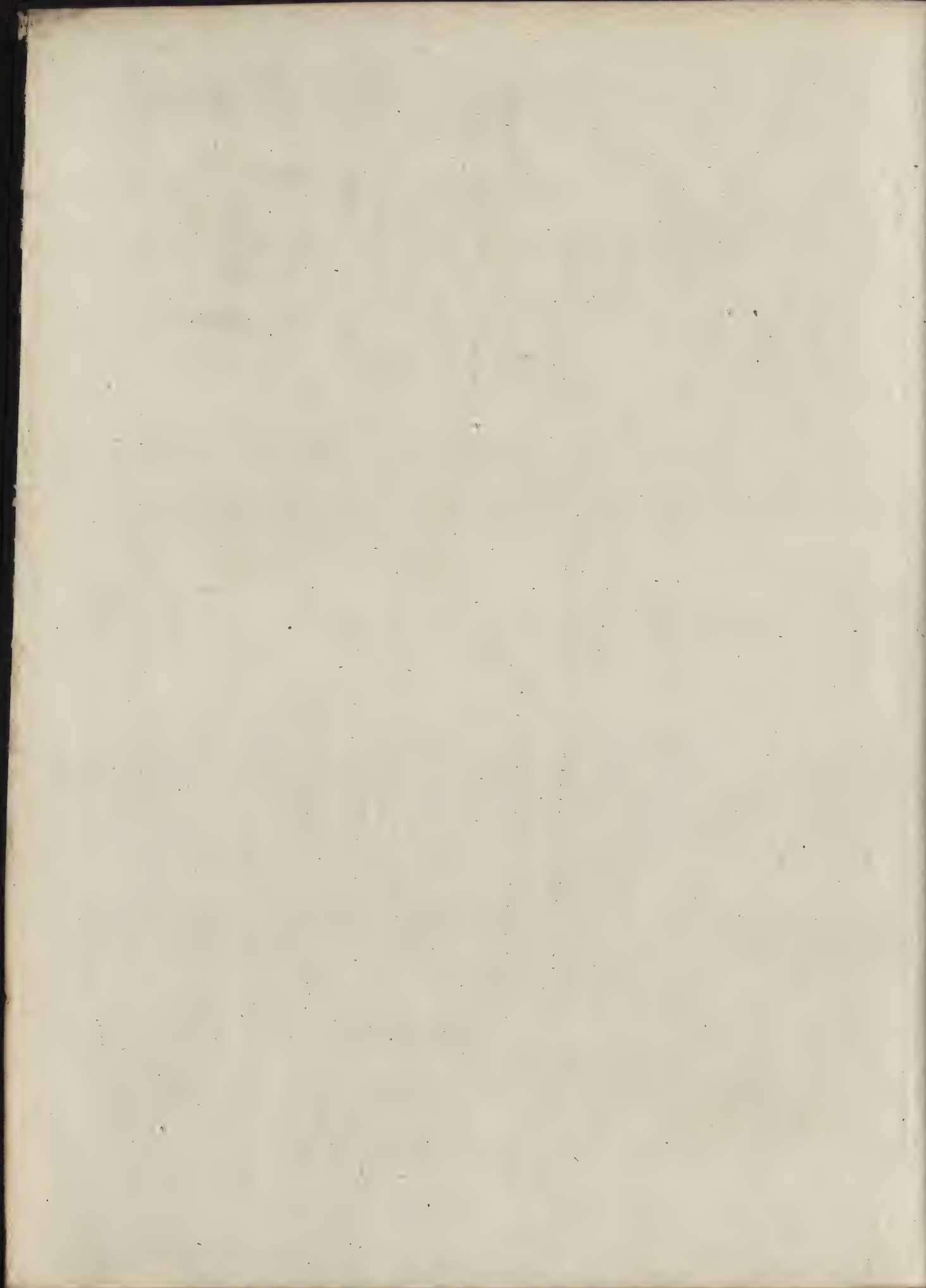
Plan of an Order of Battle, IVth Disposition.



Scale of $\frac{1}{2}$ a League.

30 500 600 1200 T.

A. Bell, Genl. War's Academy, 1861.



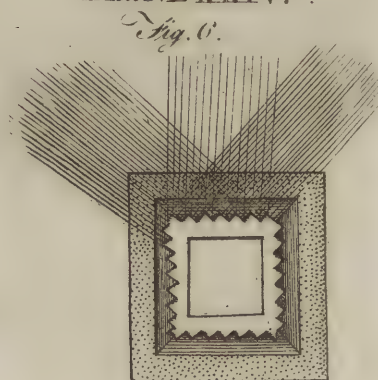
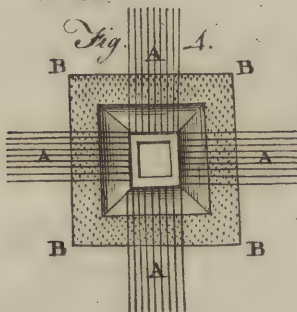
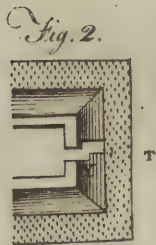
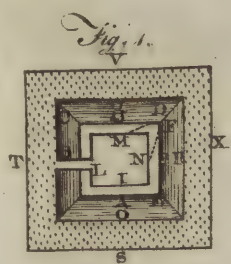
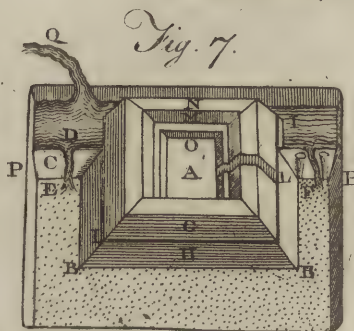
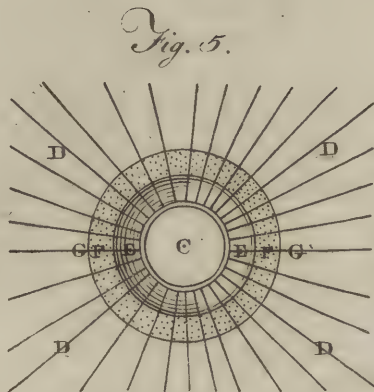
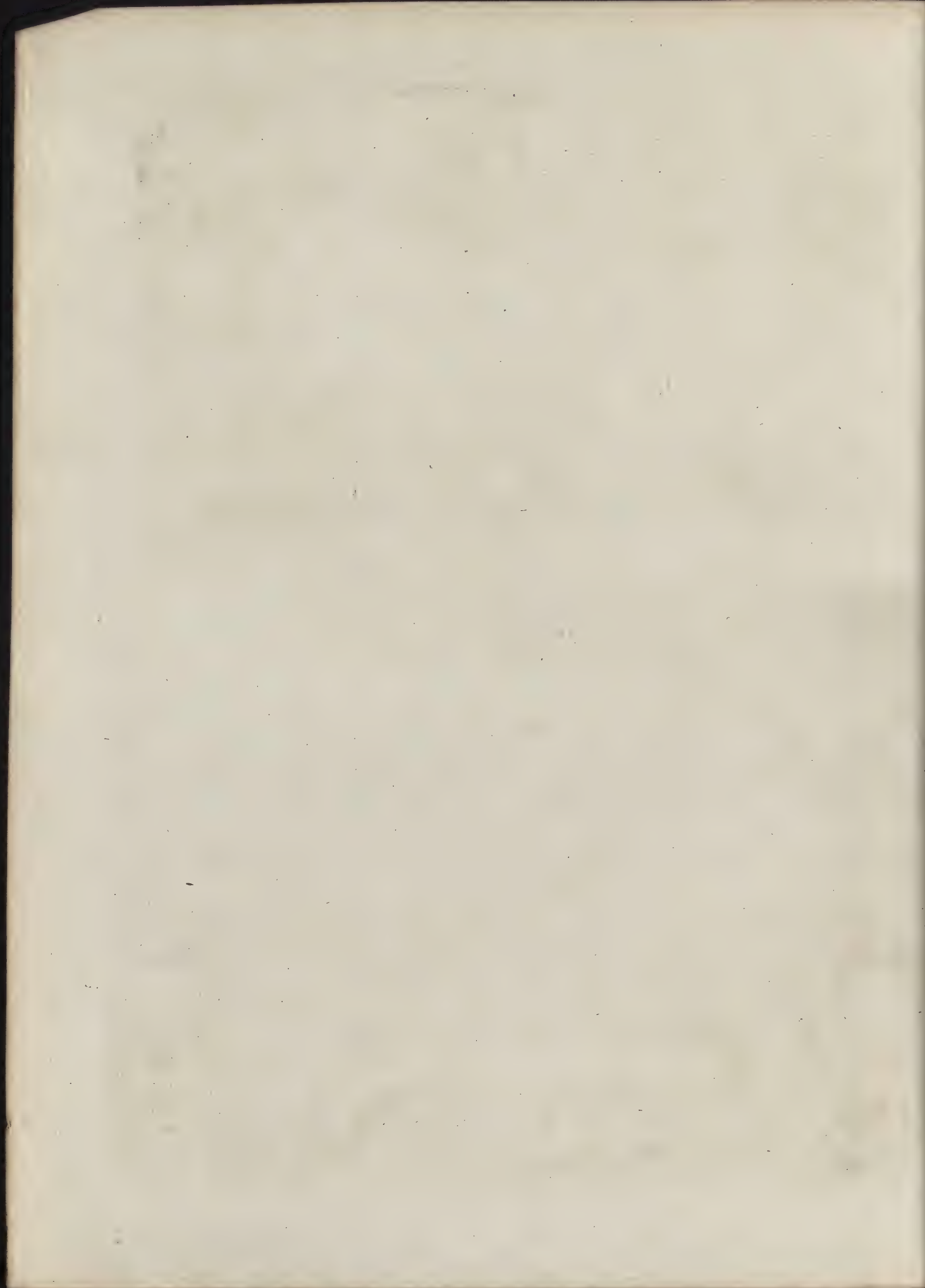


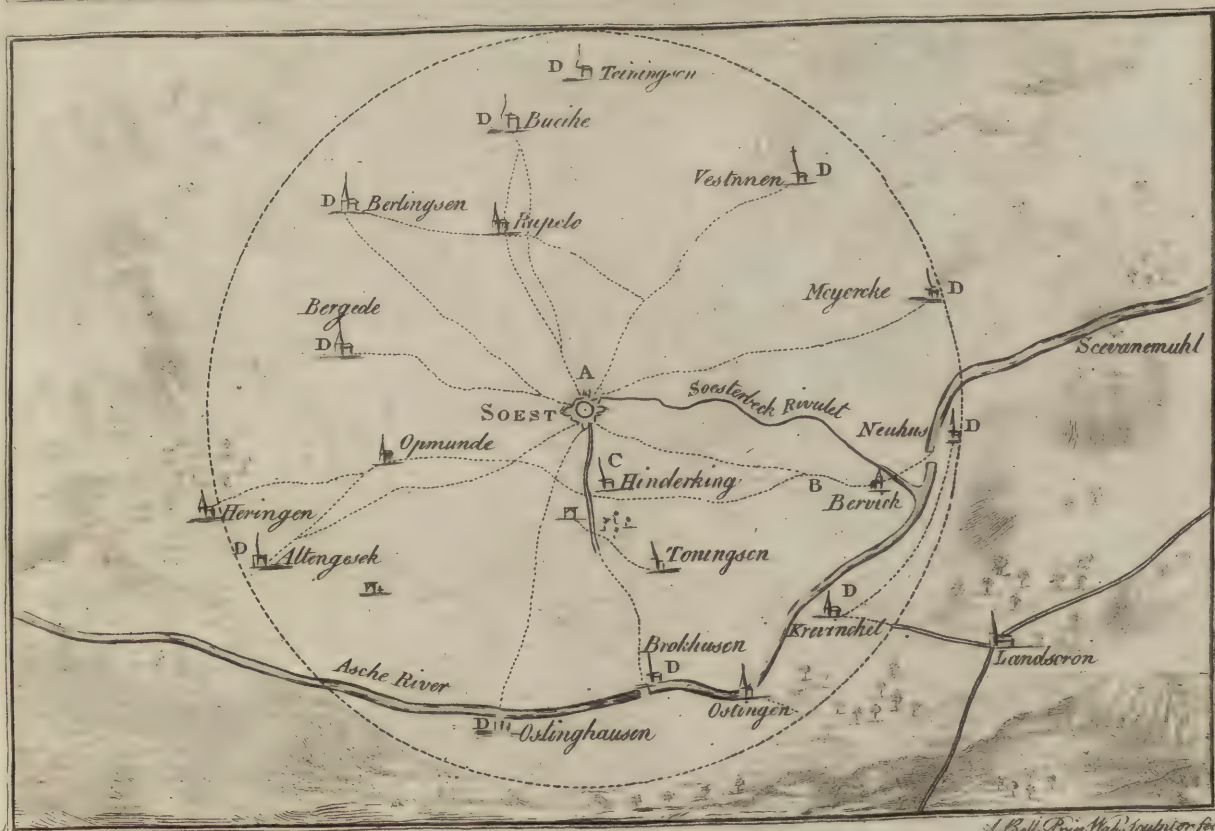
Fig. 3.



Fig. 8.







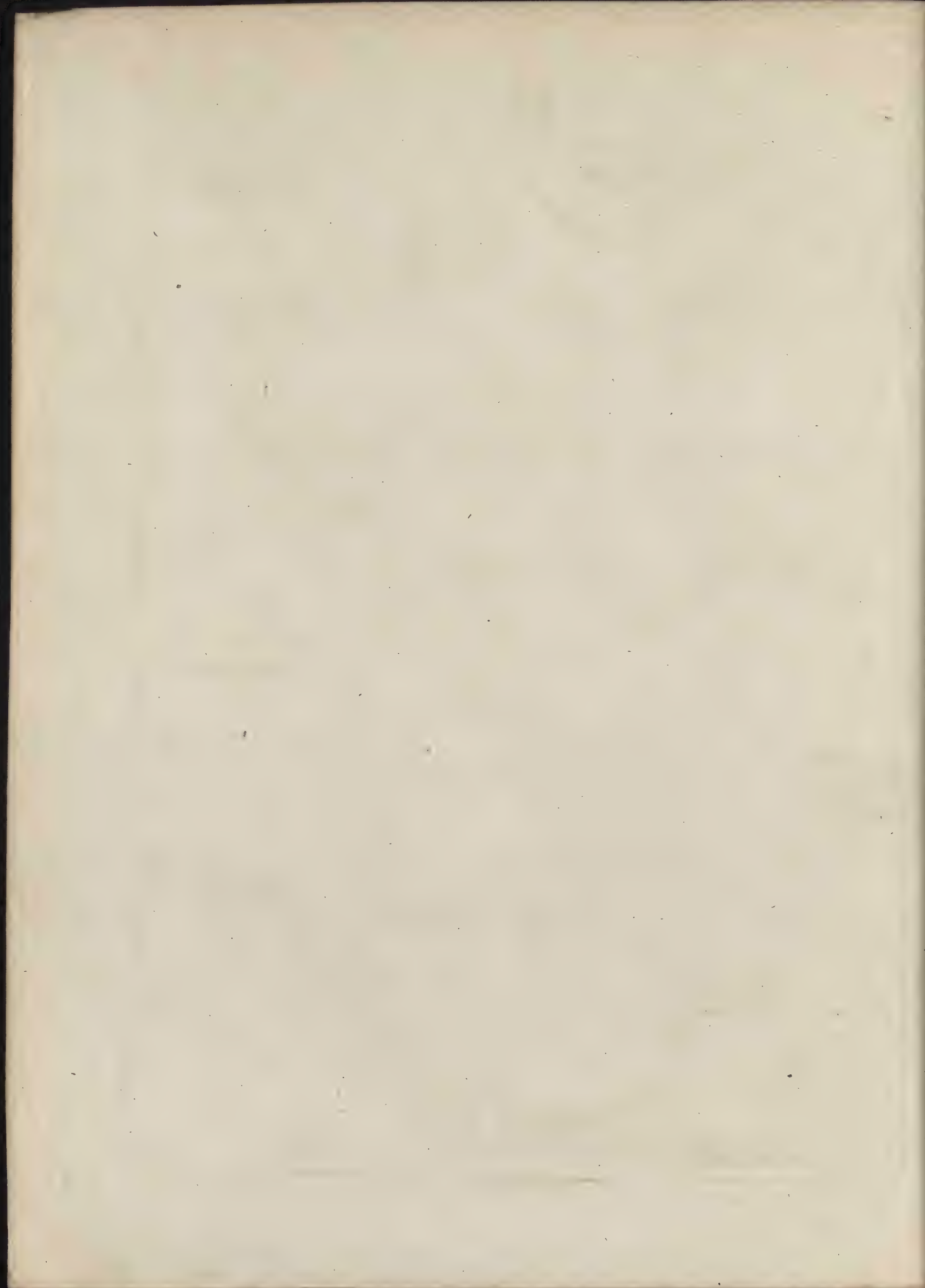
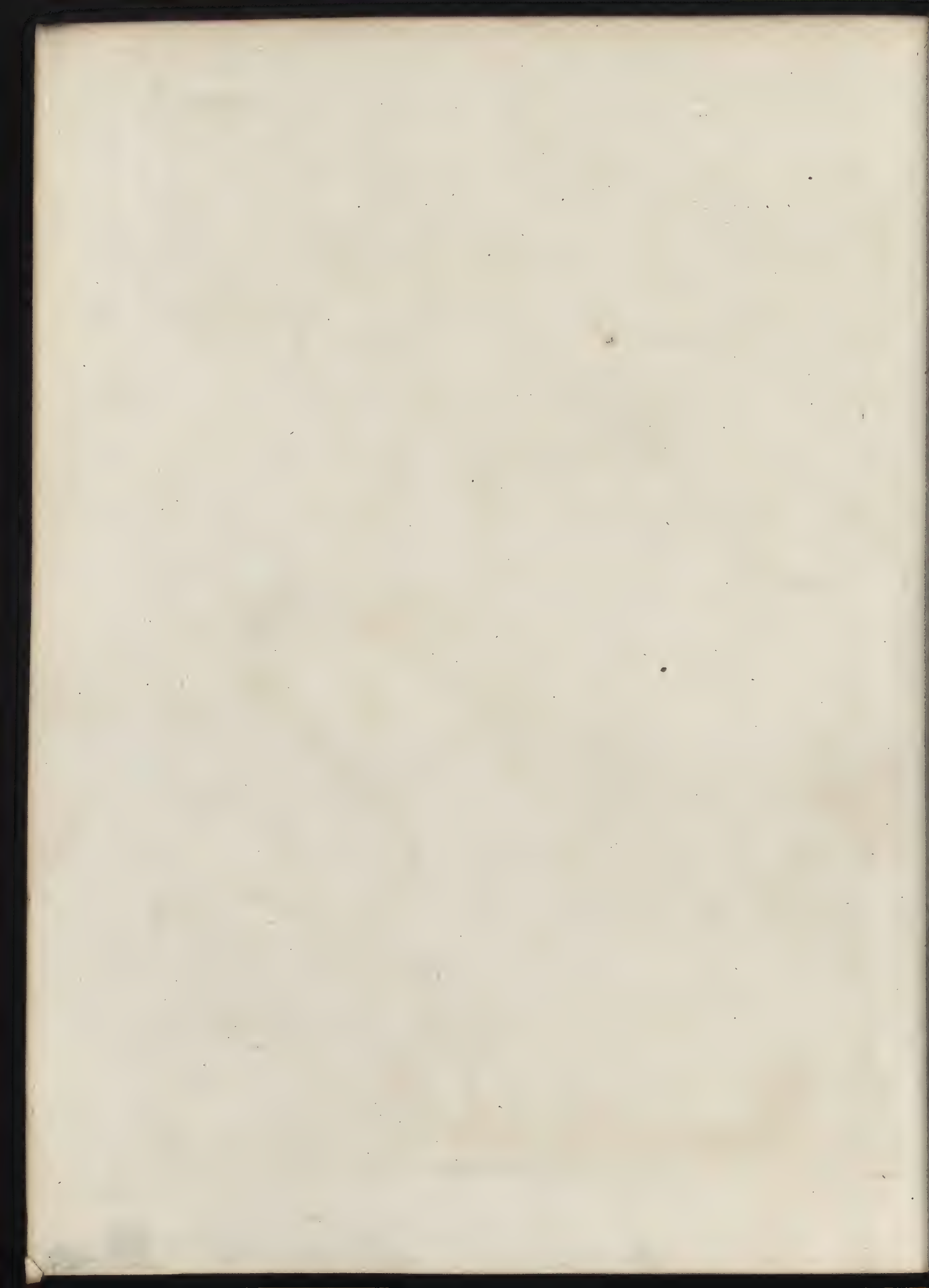




Fig. 2.





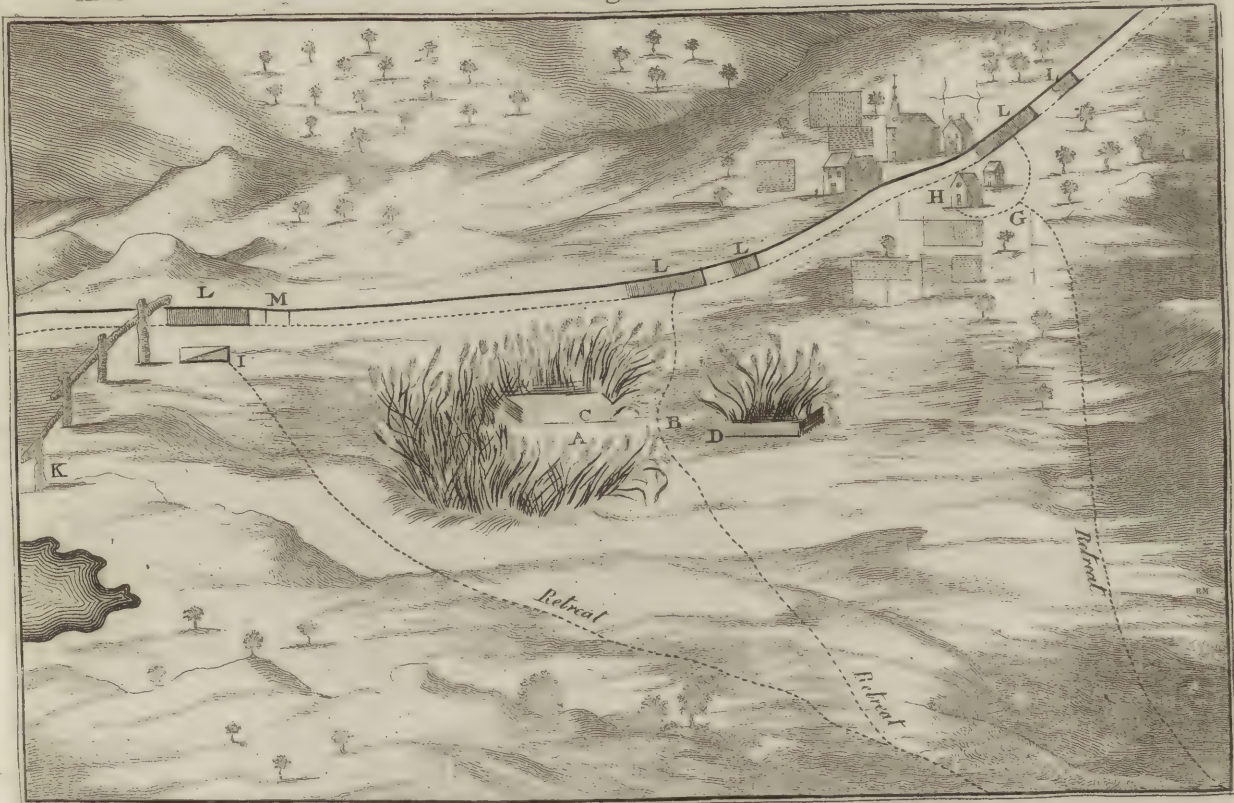
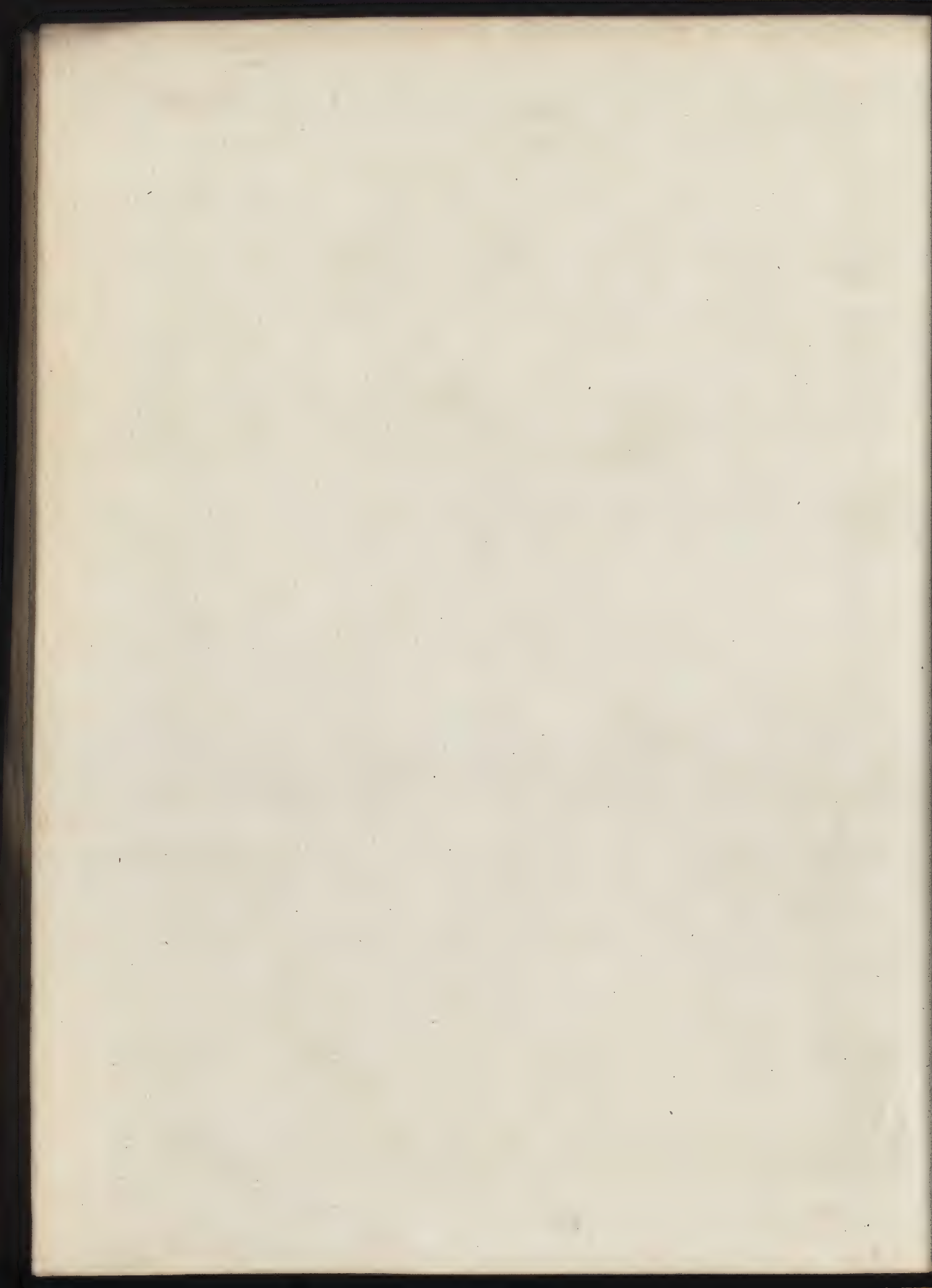


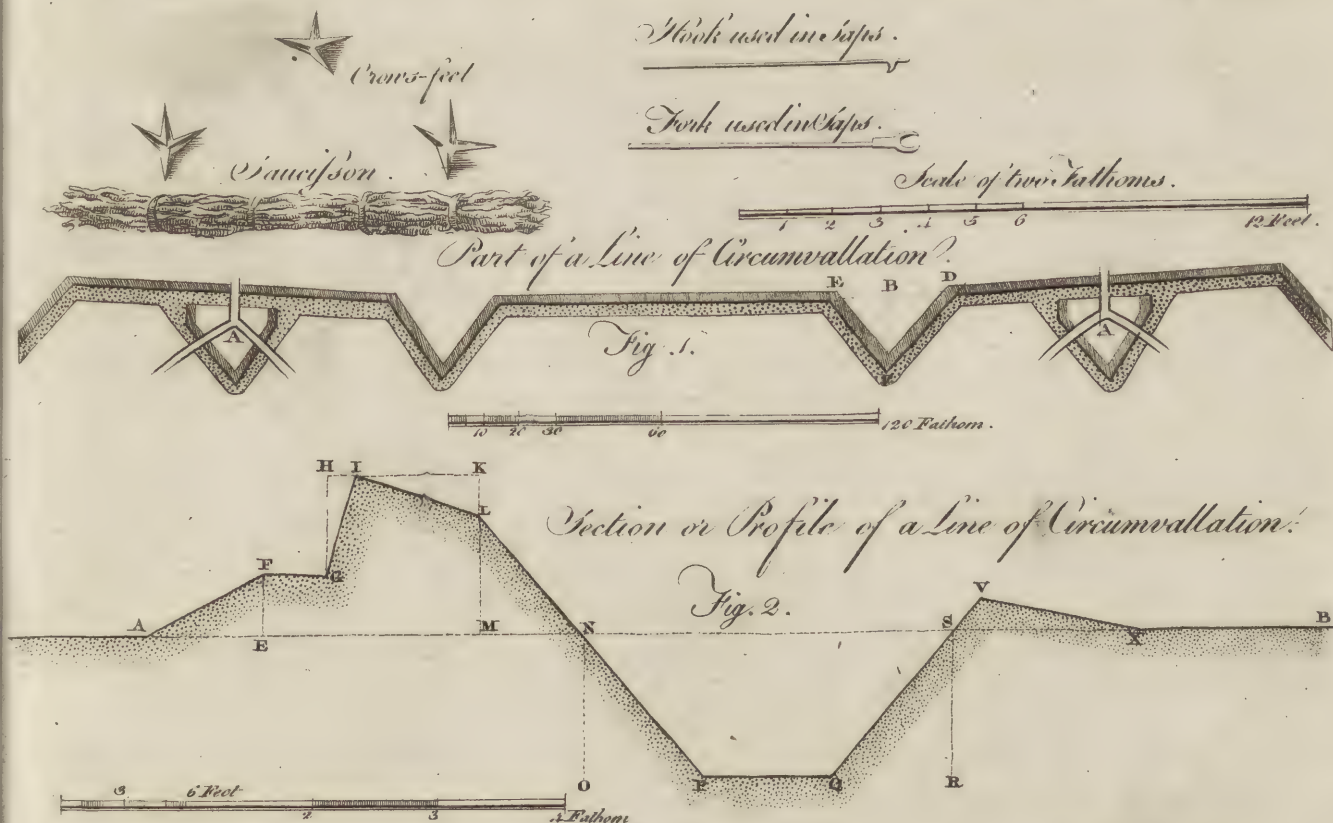
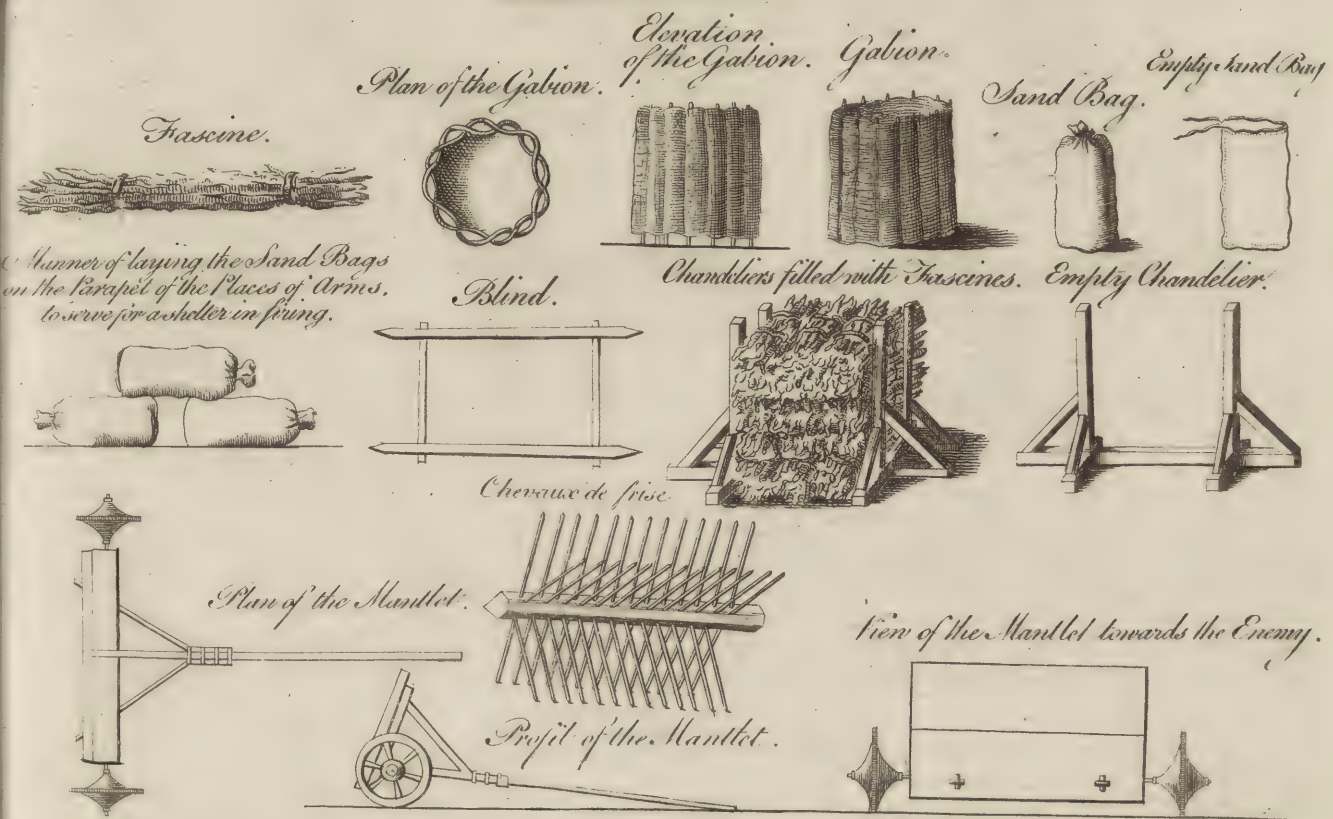
Fig. 2.

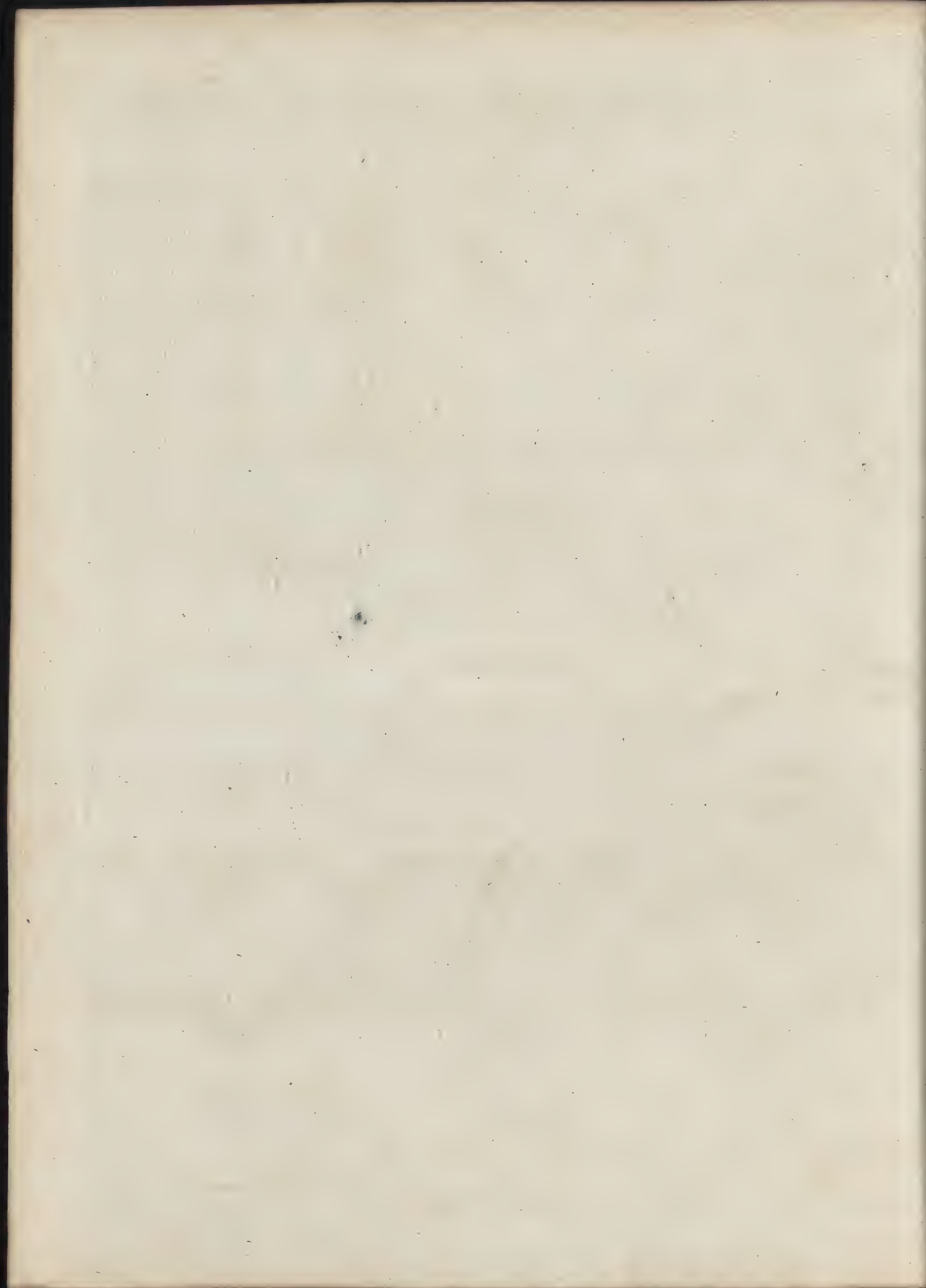


A. Belli Pin. N. de la sculpture fait.

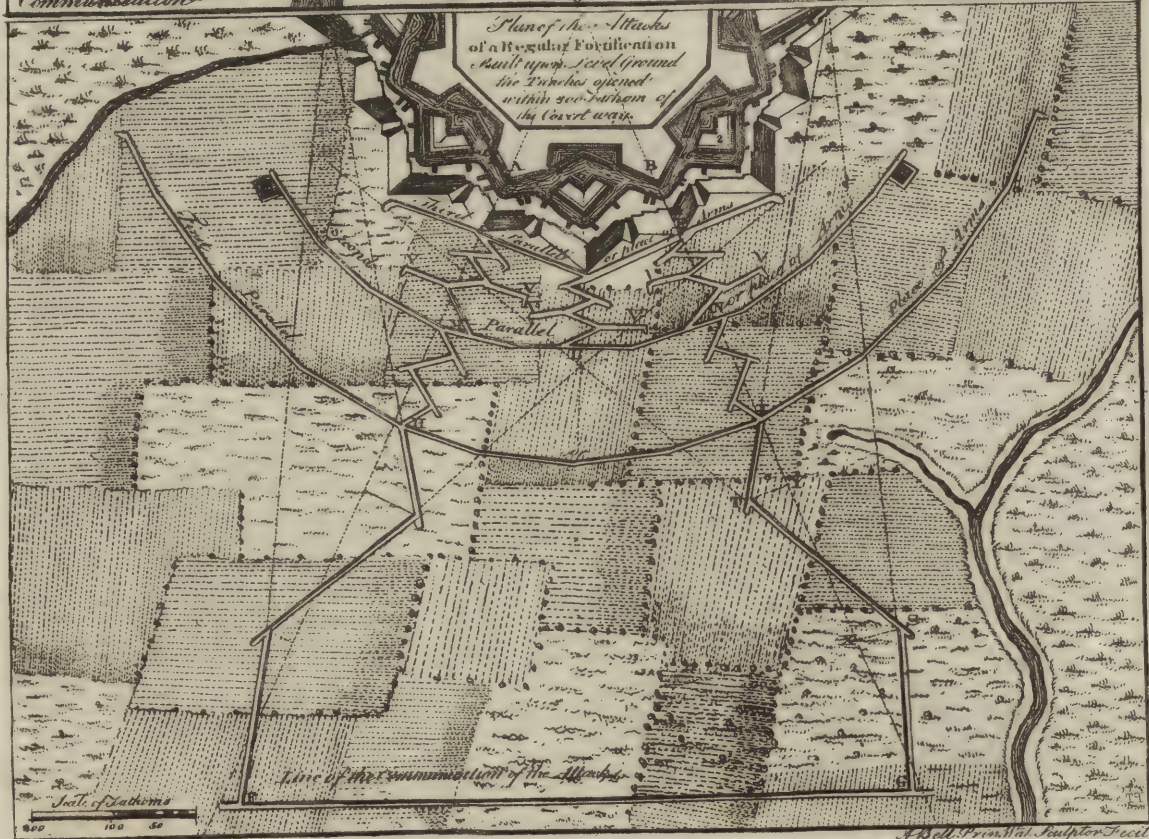
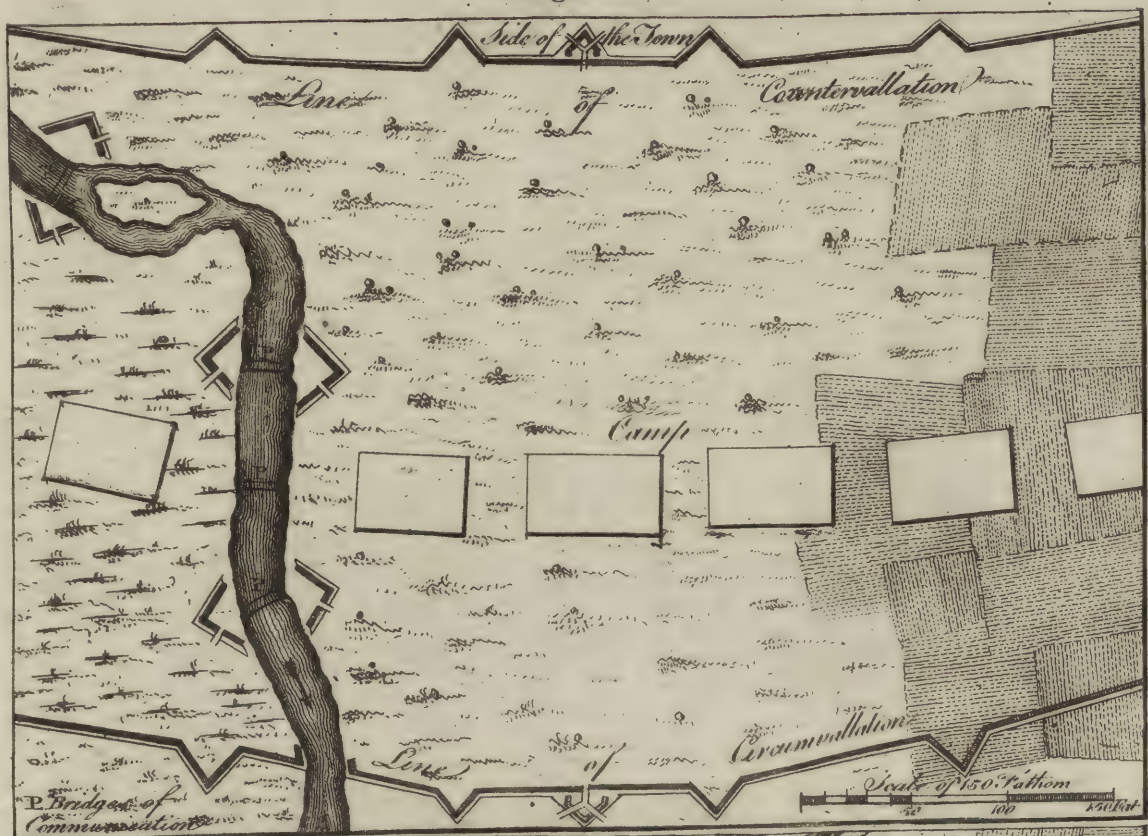


Attack of Fortified Places.









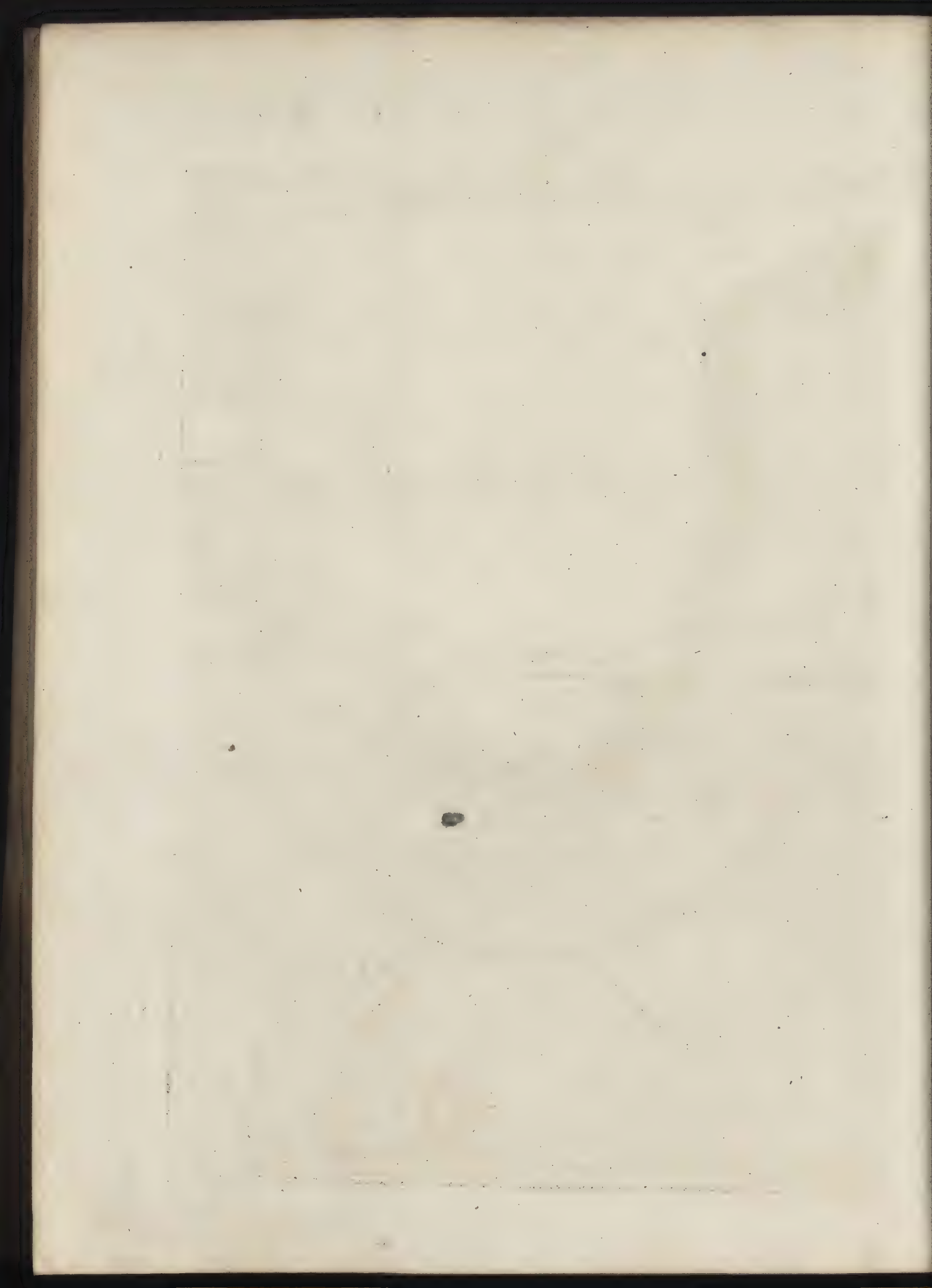
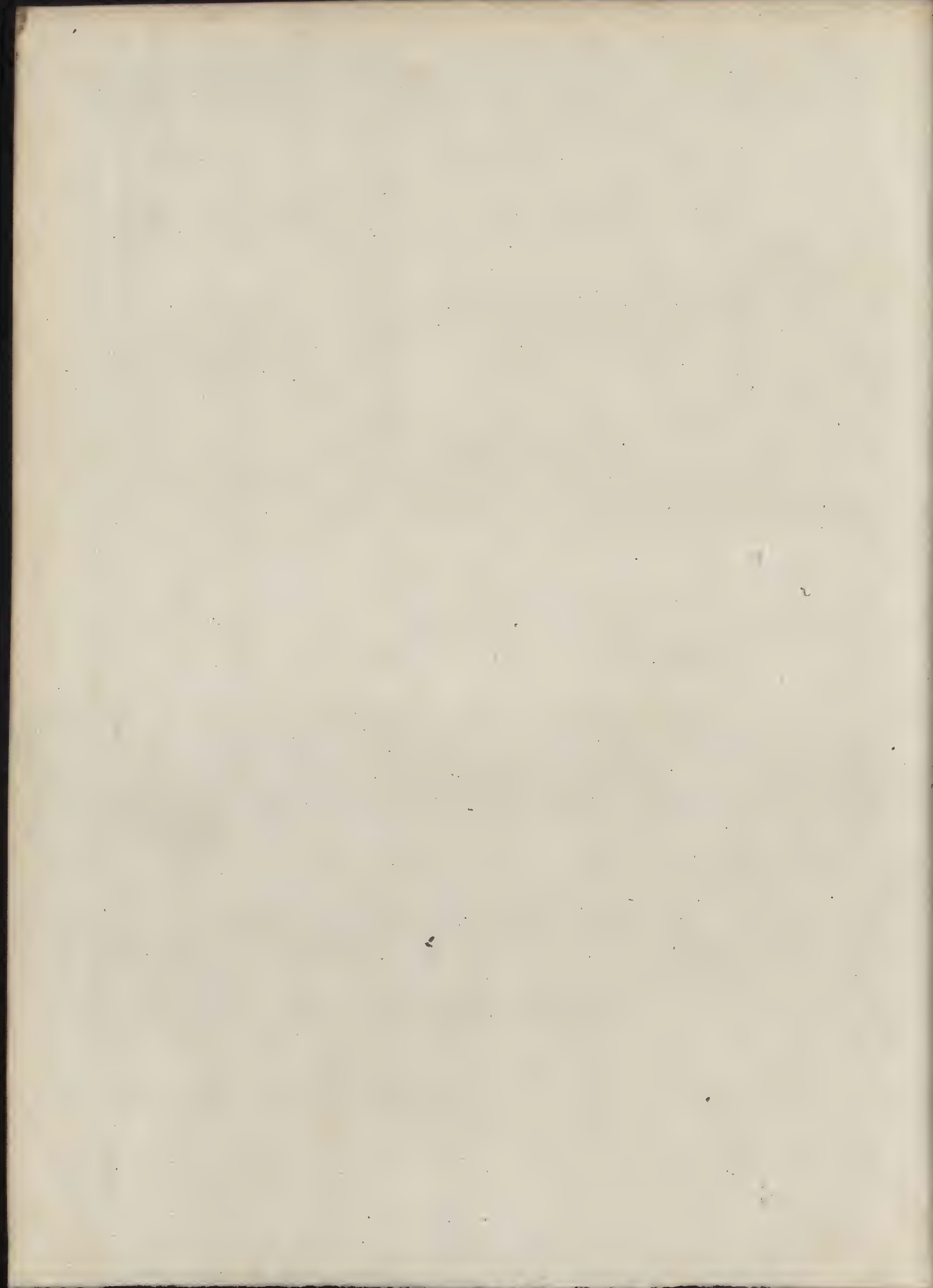


Plate. DXXVI.

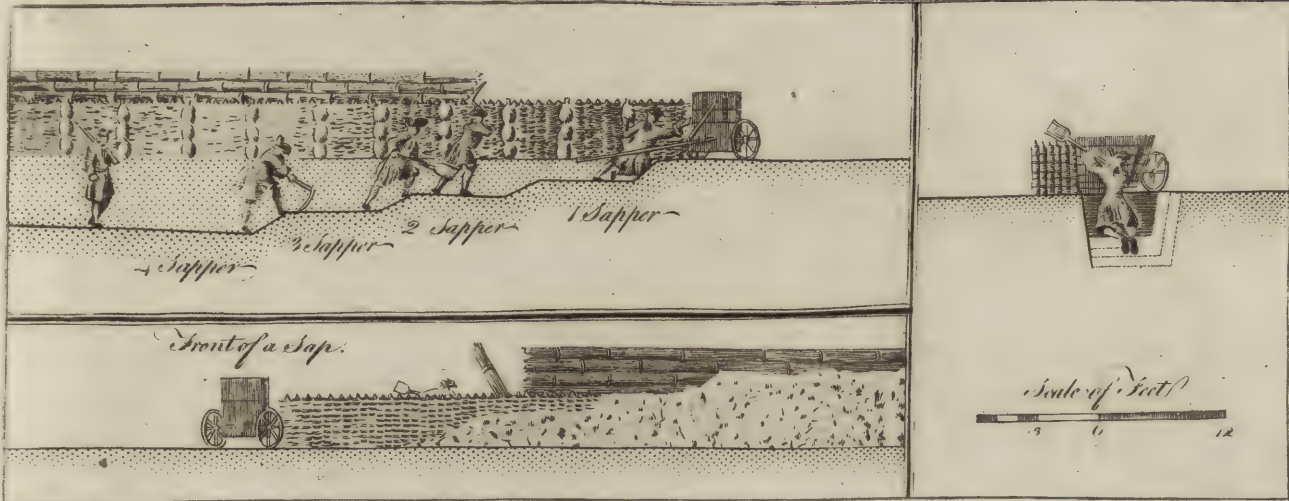


J. Bell, Prin. Wat. Sculptor, Fecis.



*Fig. 1.
Back of a sap.*

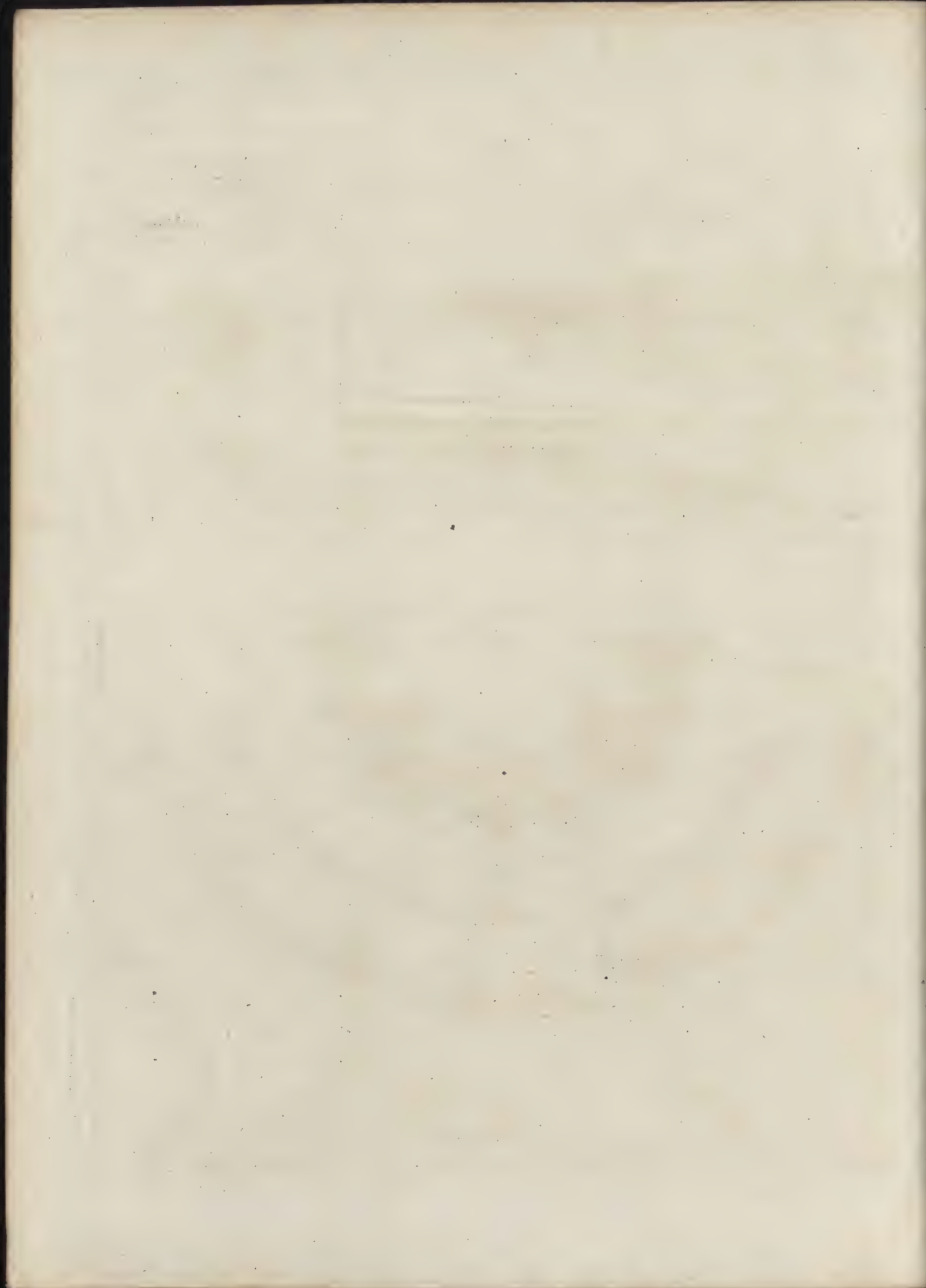
*Fig. 2.
Profile representing the excavation of a sap.*

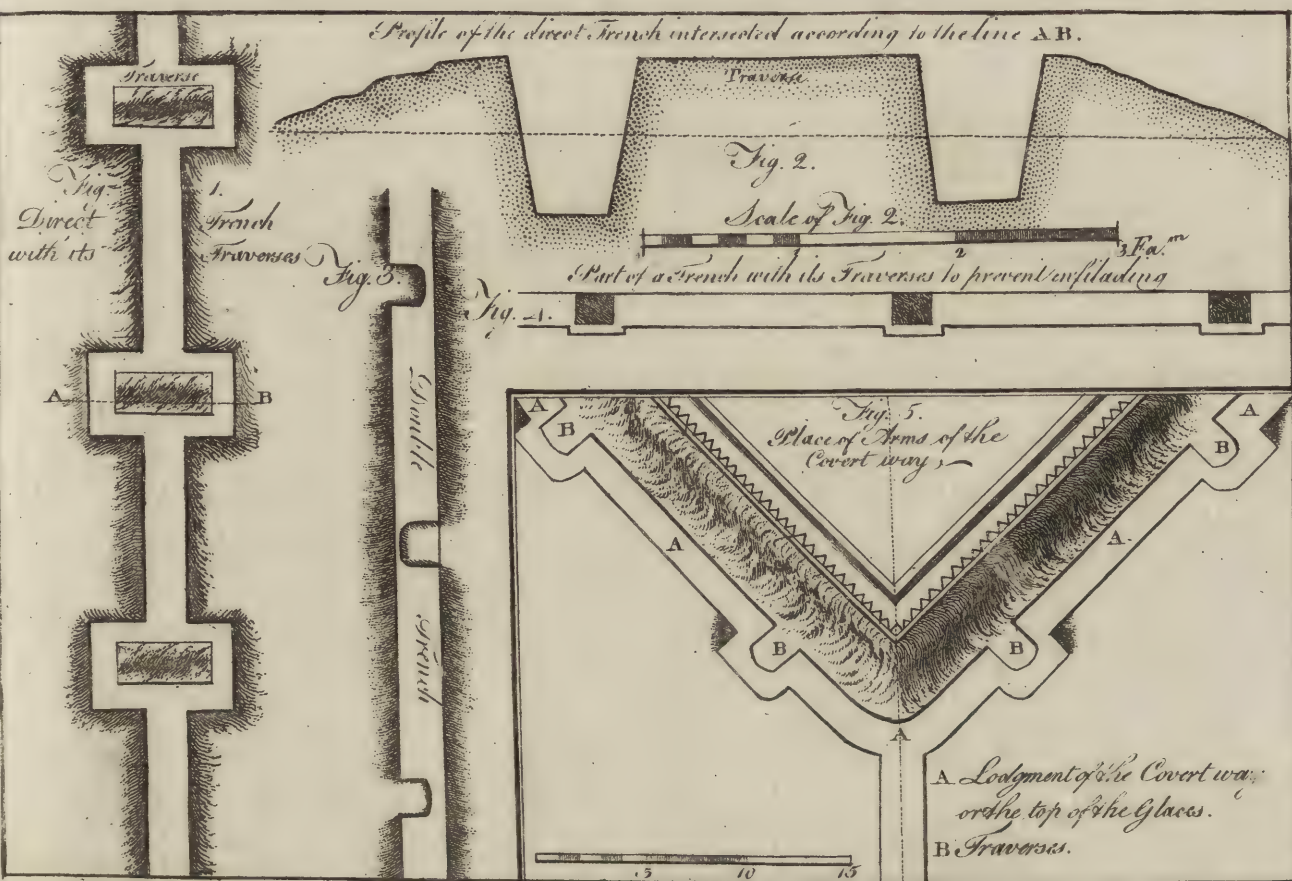


*Fig. 3.
Plan showing the disposition of the Batteries,*

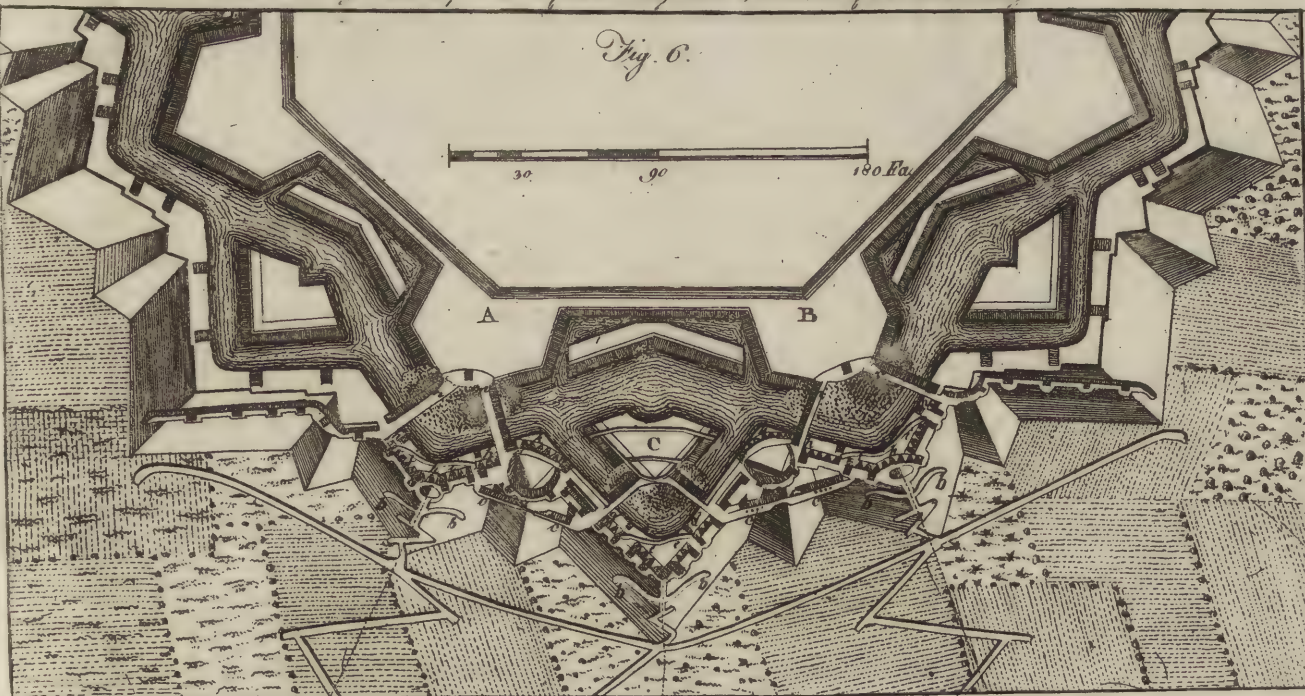


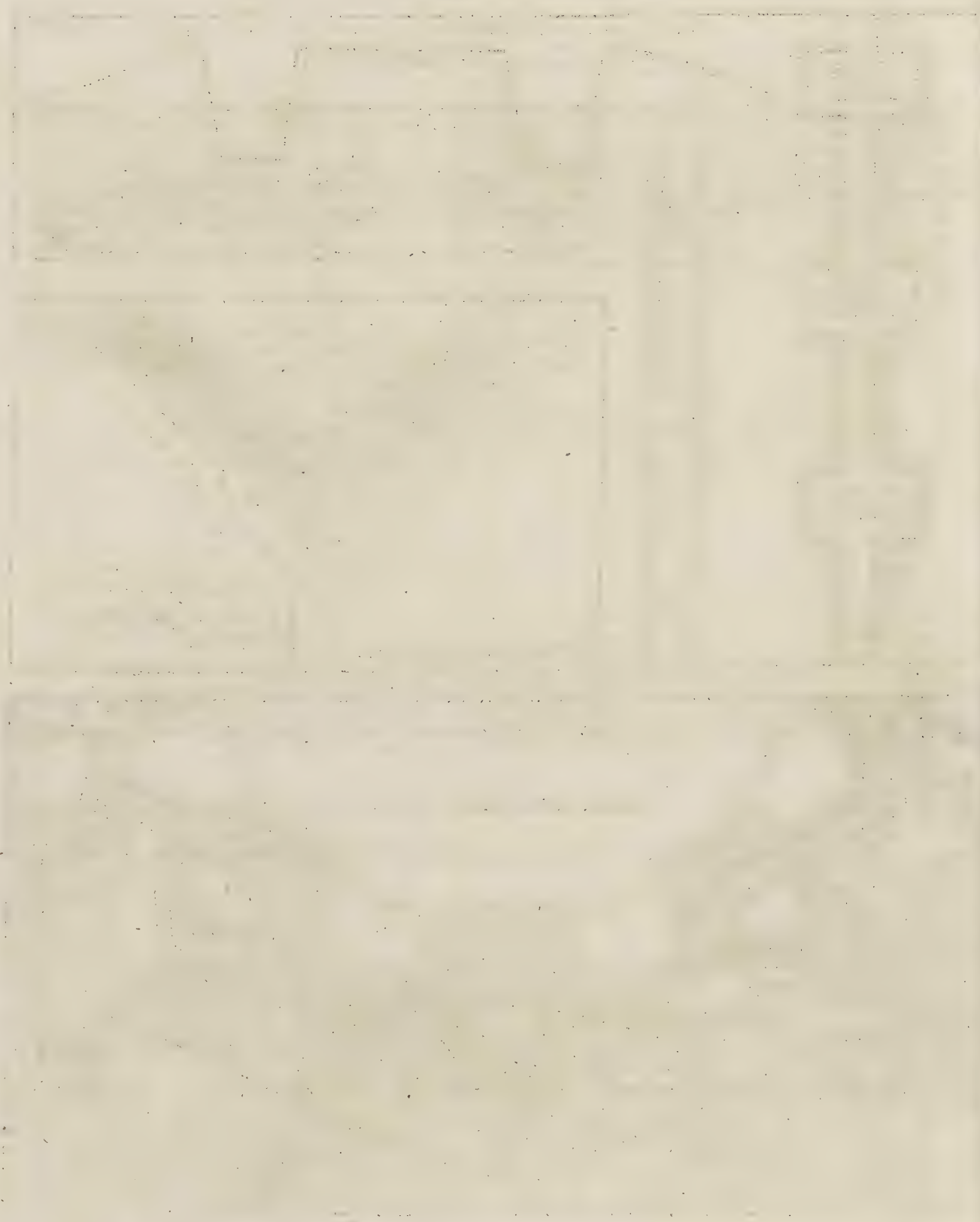
(V. Bell Prin. Wal. Sculptor Feet.)





Plan showing the disposition of the Lodgments & Batteries of the covert way.





Attack of Fortified Places.

Fig. 1.

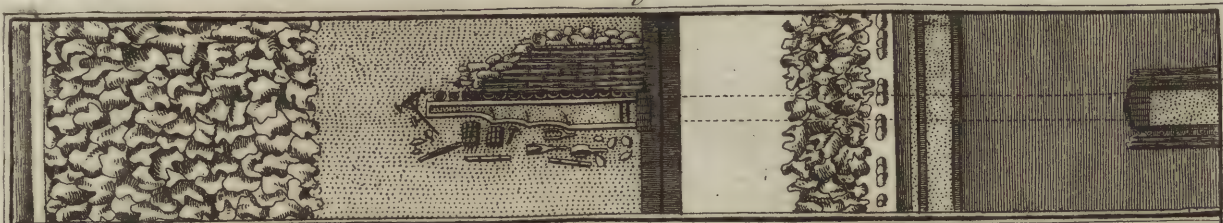
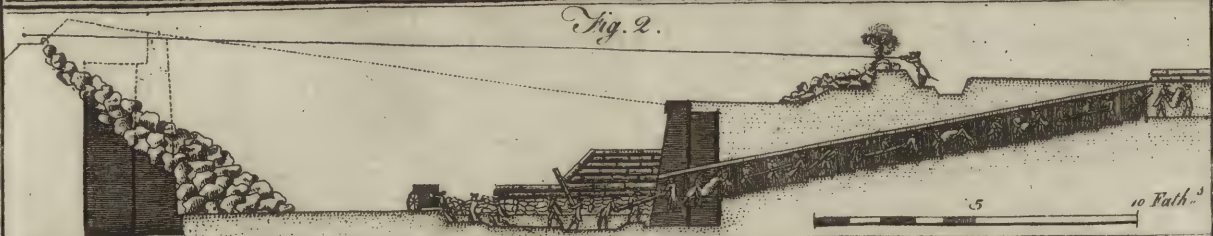


Fig. 2.



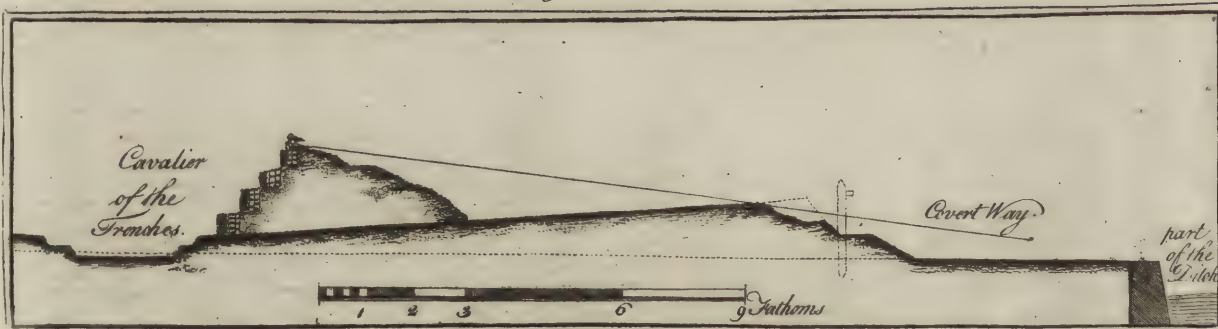
Opening of the descent into the dry ditch viewed from the Country



Entrance into the descent of a dry ditch viewed from the top of the Breach



Fig. 5.



A. Bell Pinx. Wals. Sculptor fecit.

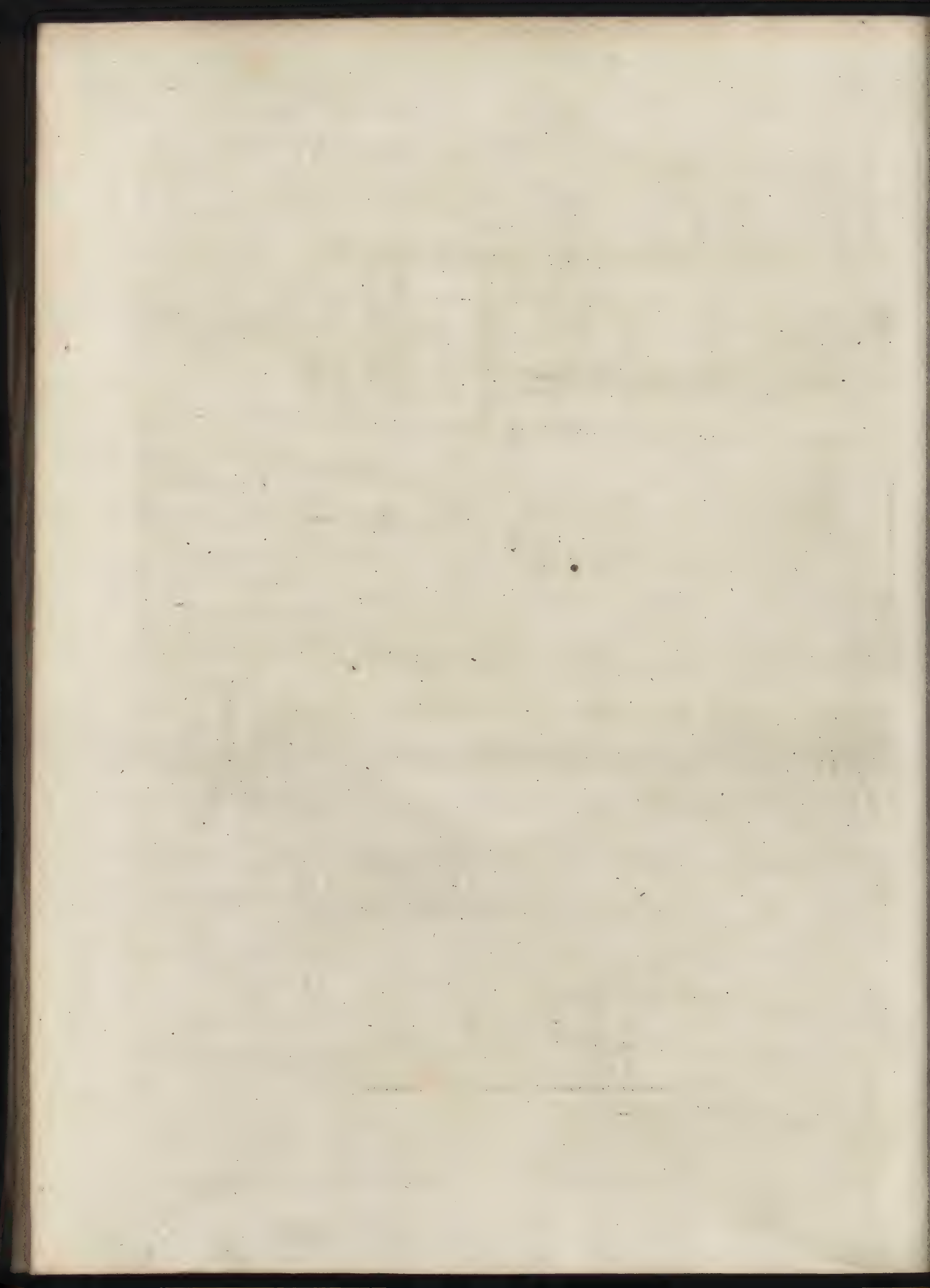
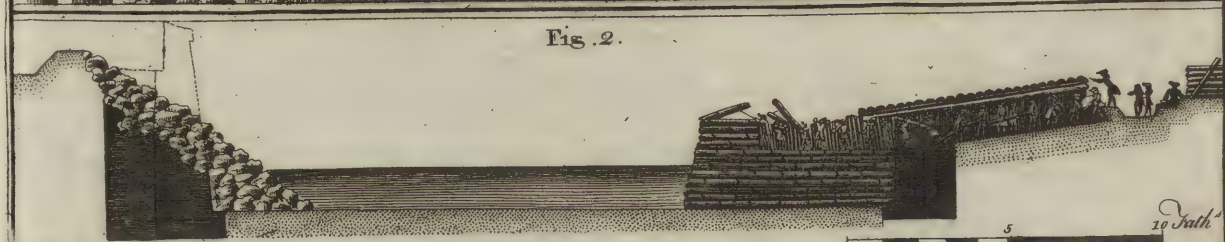




Fig. 2.



Opening of the descent into a wet ditch viewed from the Glacis.

Entrance into the descent of the wet ditch viewed from the Breach

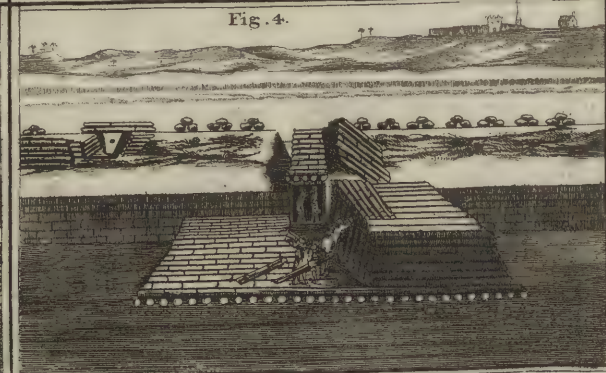
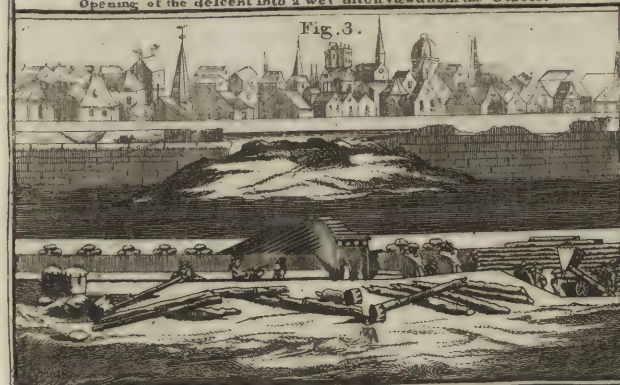
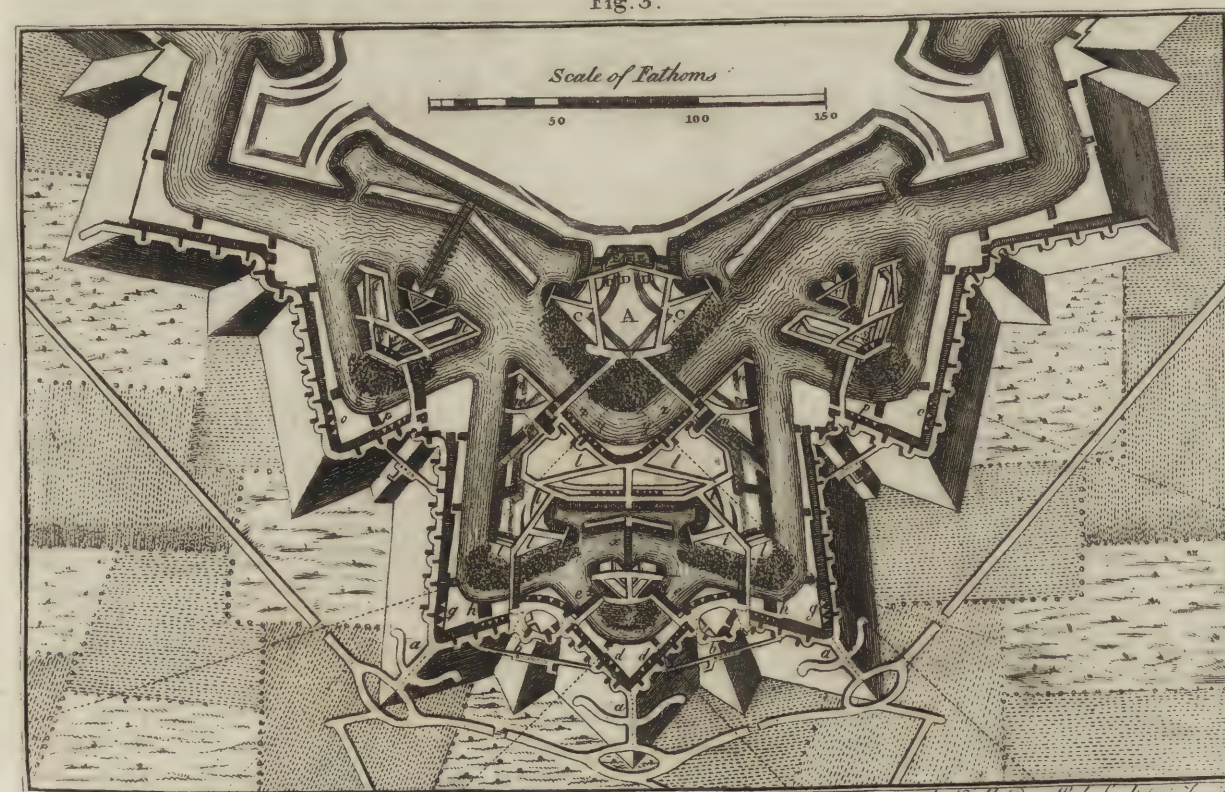


Fig. 5.



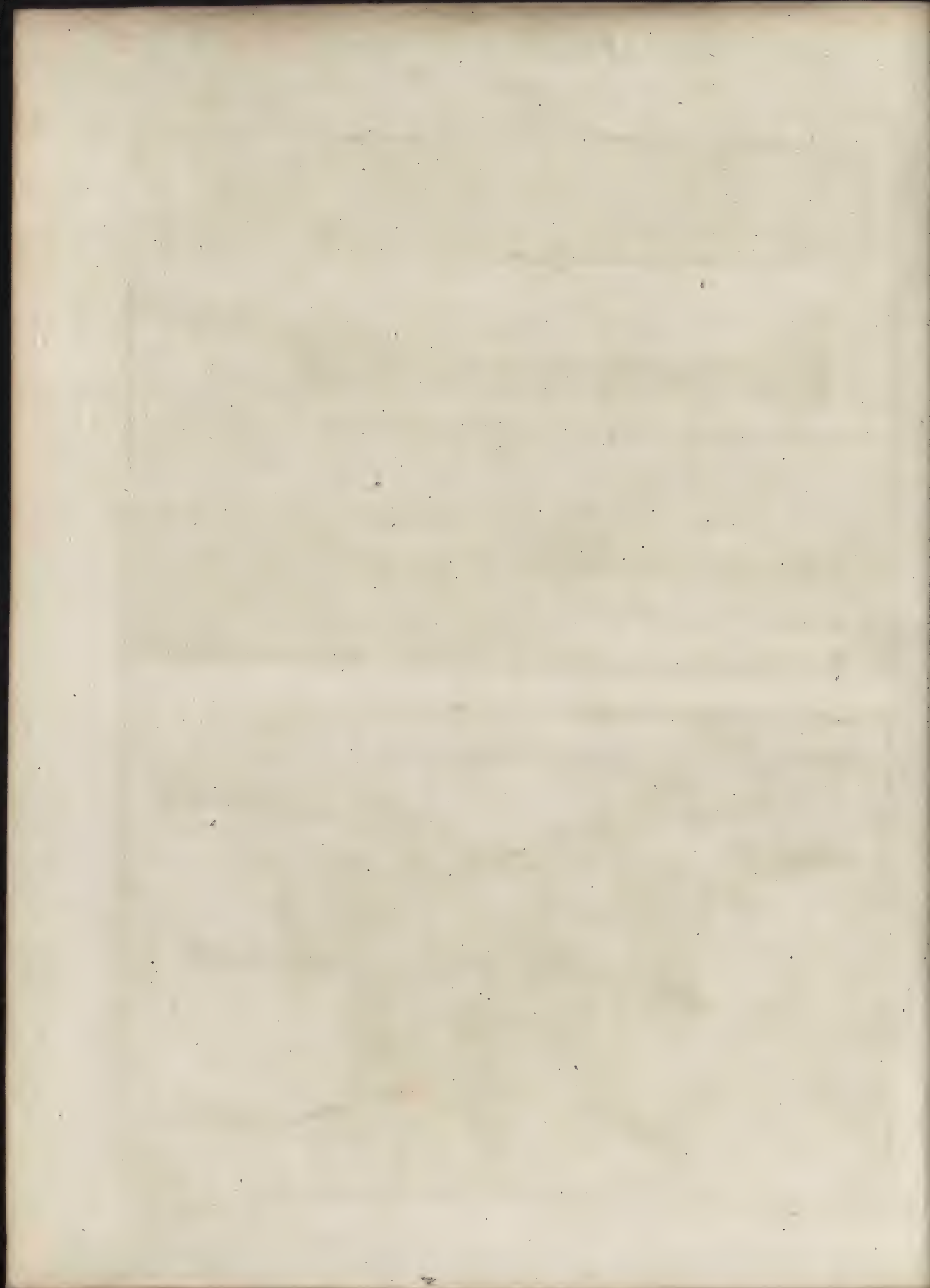
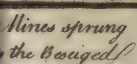
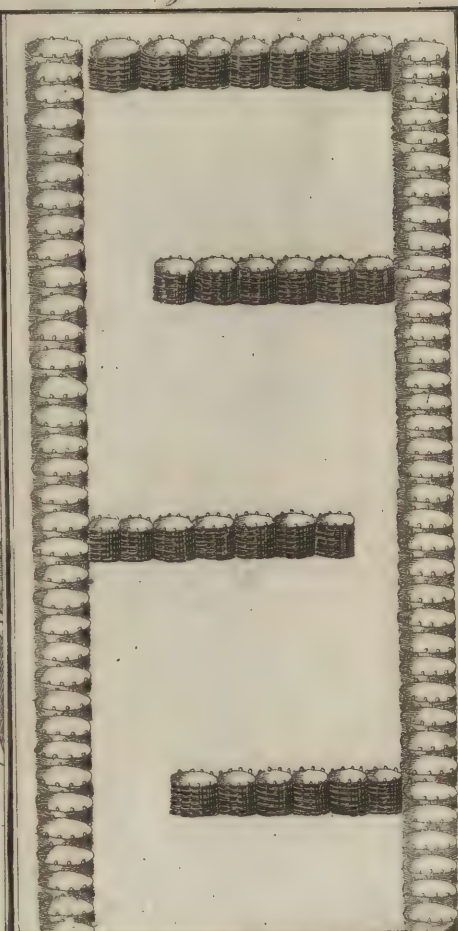
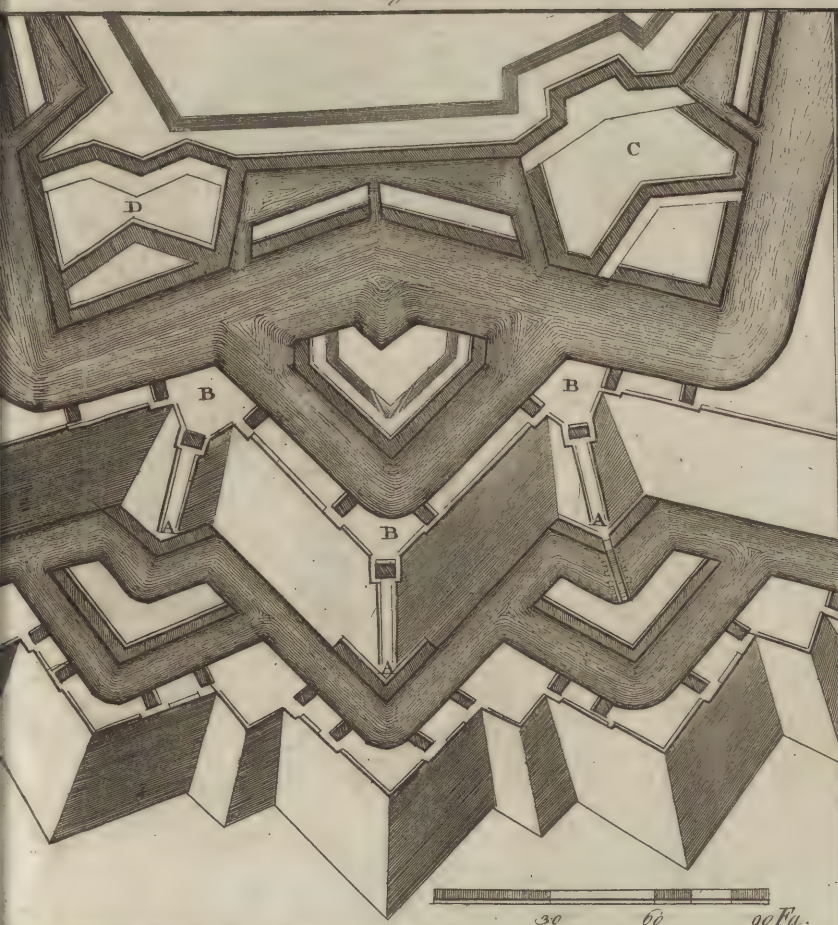


Plate LXXXVI.

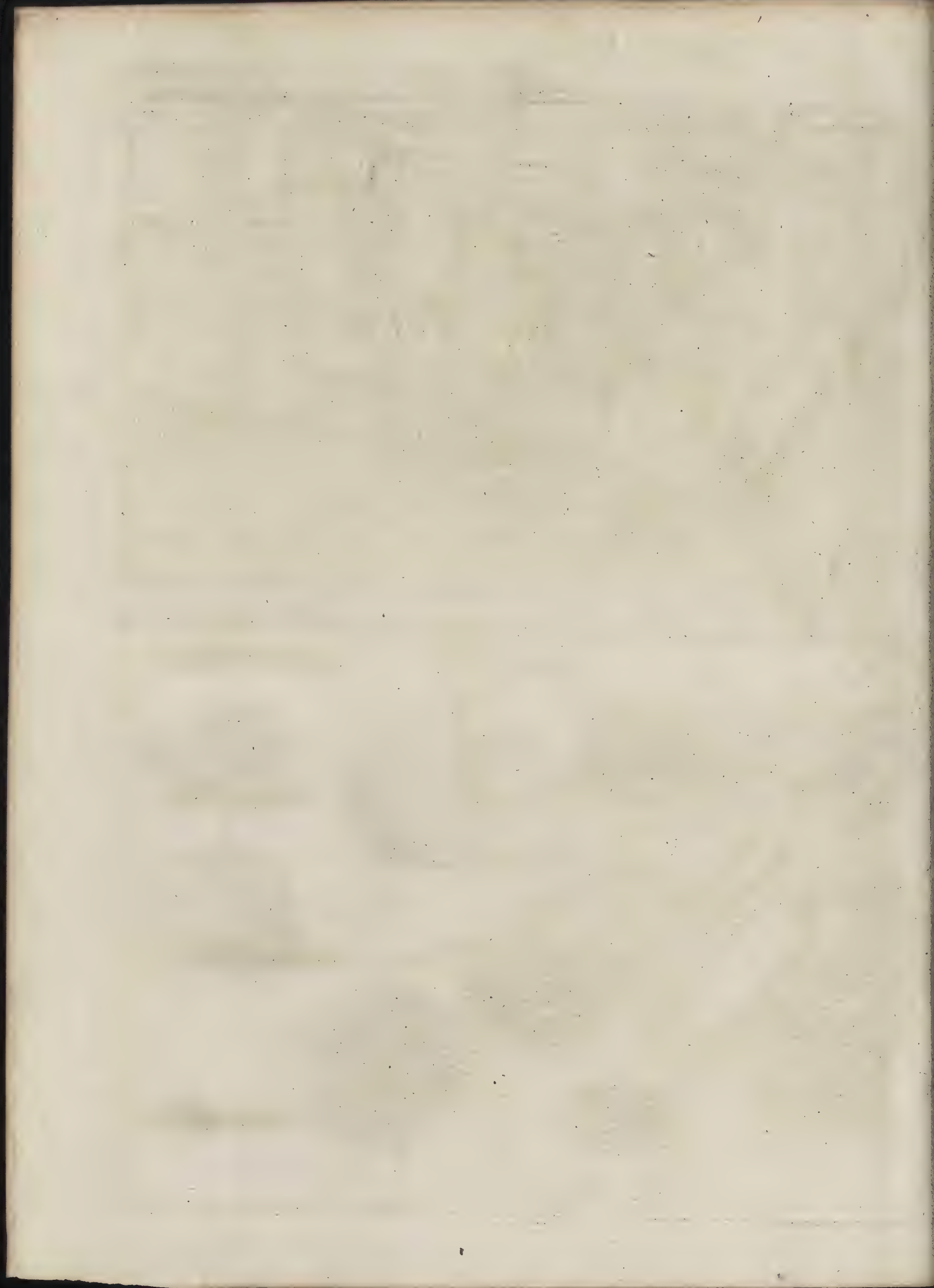


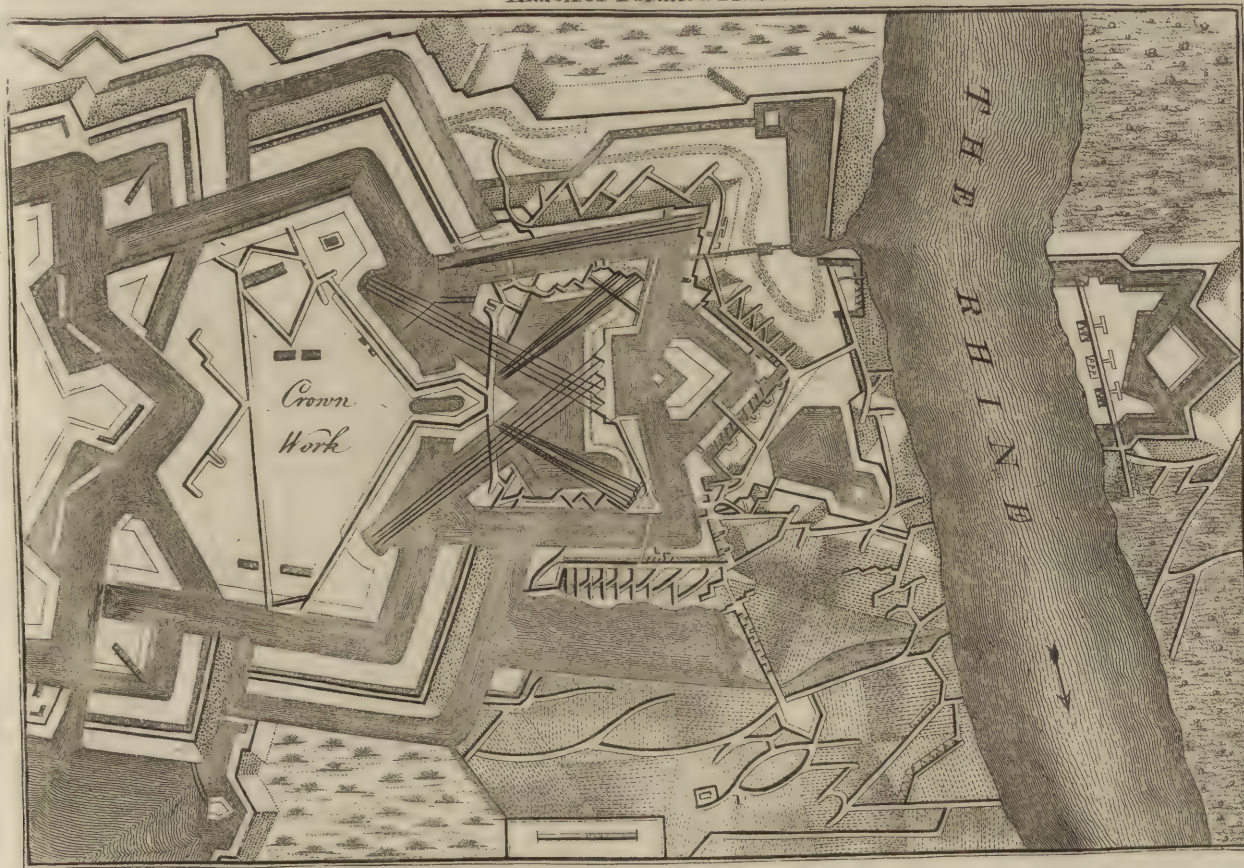
(Fig. 2.

Fig. 3.

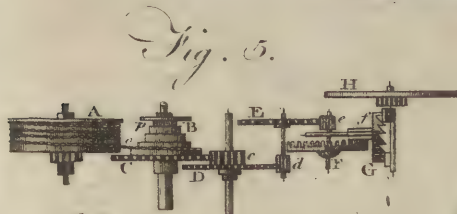


W. Bell Pin. M. A. sculptor fecit.





WATCH Work.



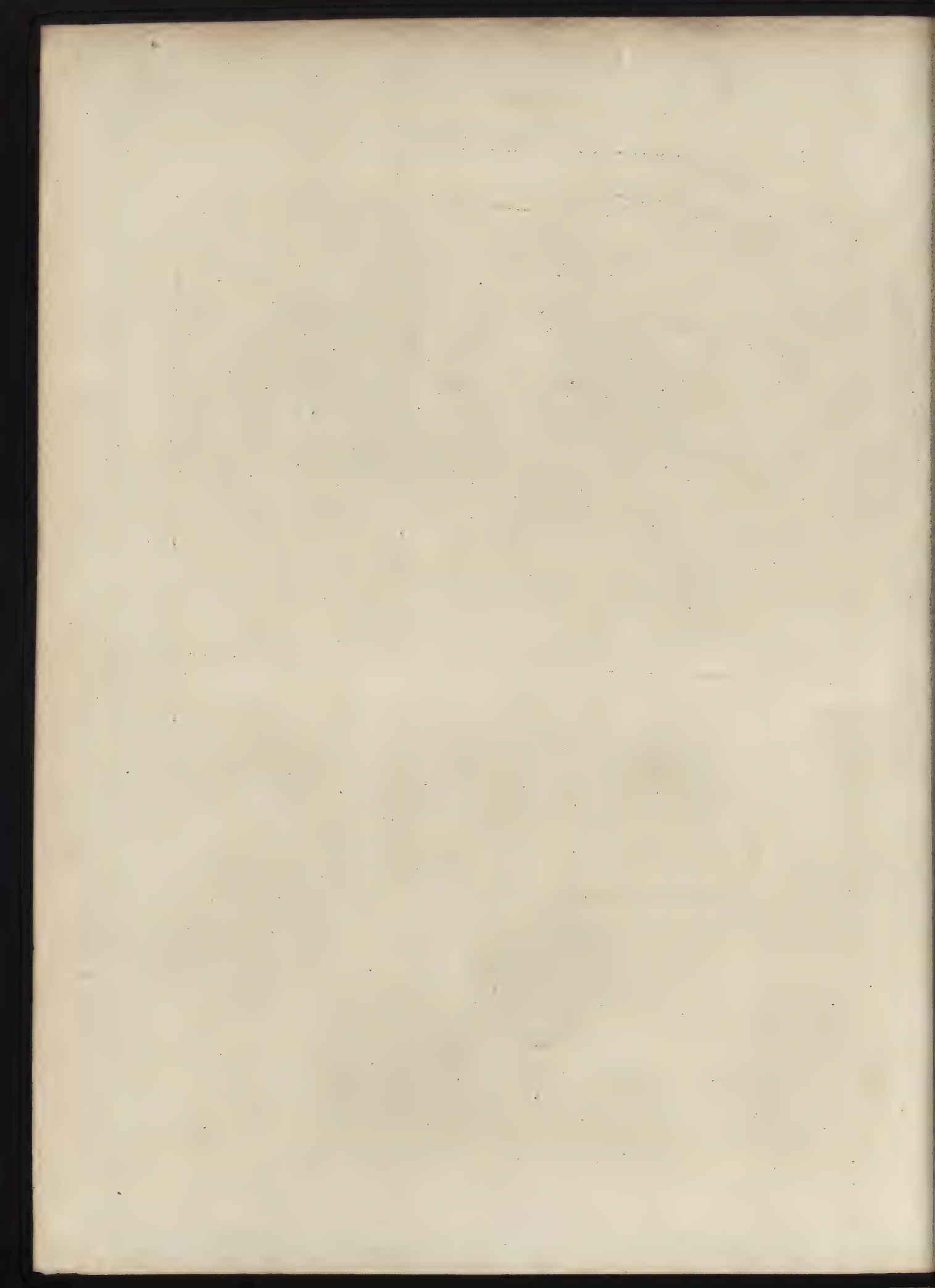
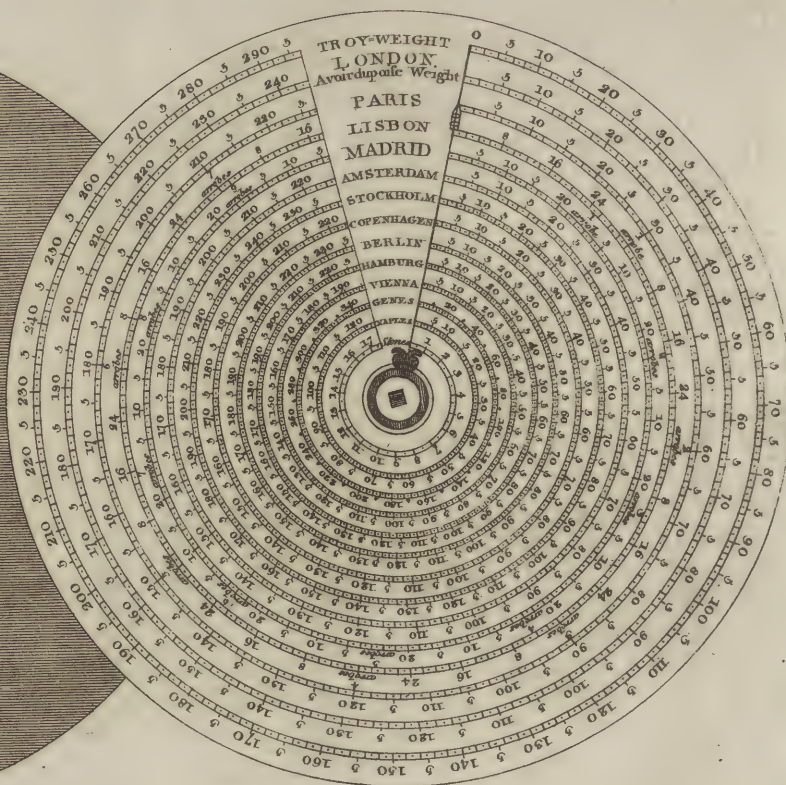
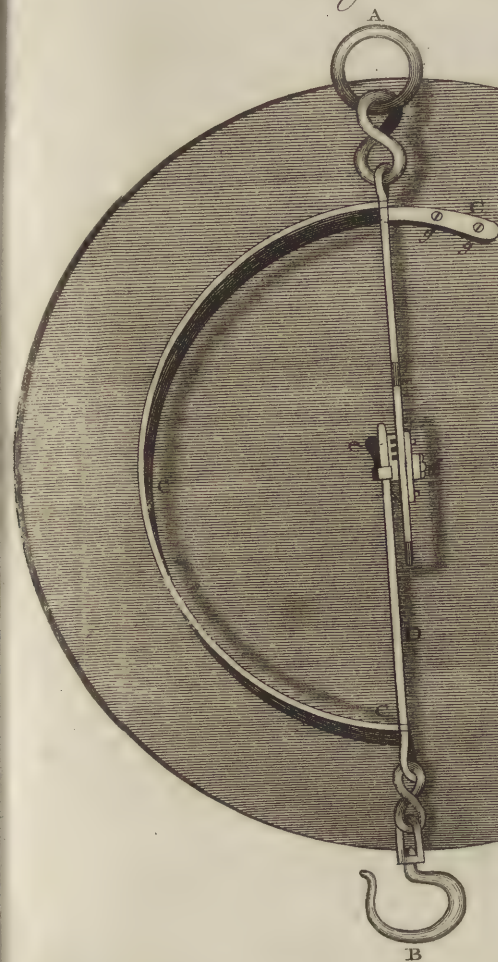


Fig. 1.

WEIGHING.

Fig. 2.

Plate DXXXVIII.



WATER.

Fig. 1.

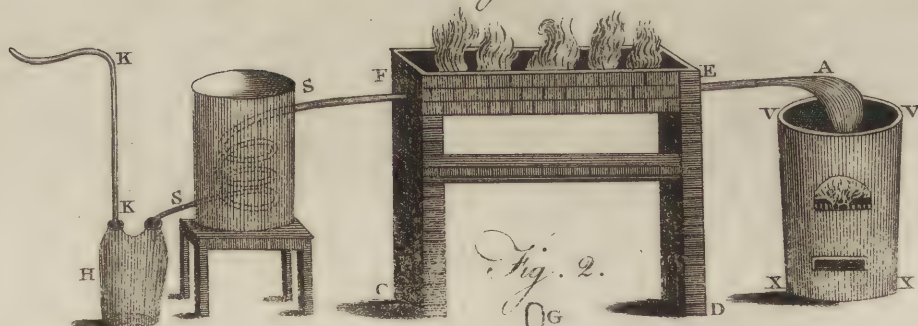
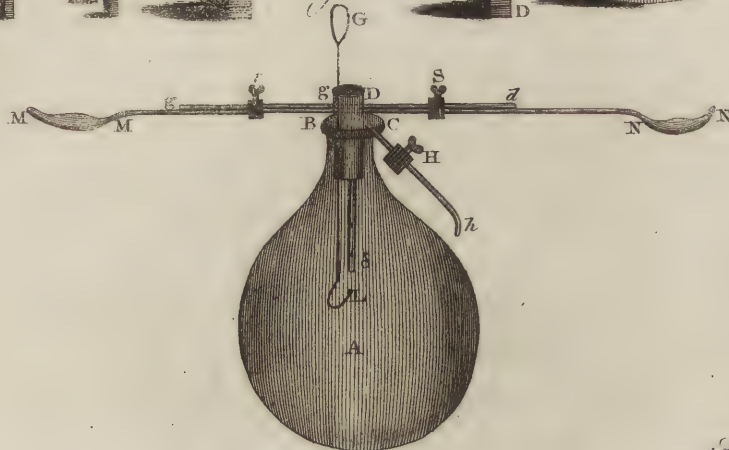


Fig. 2.





WEAVING.

Plate DXXXIX.

Fig. 1.

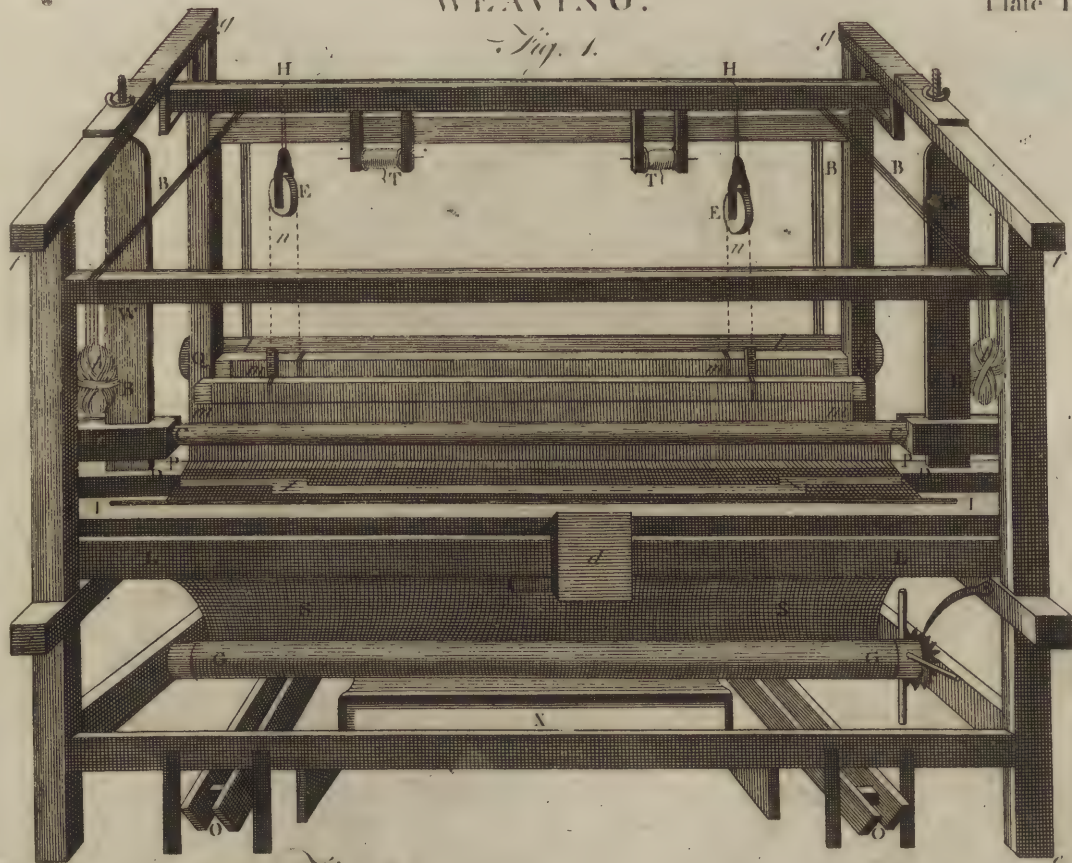


Fig. 3.



Fig. 2.

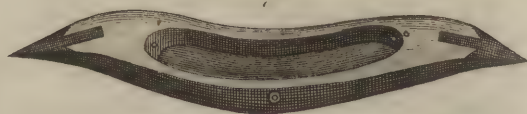
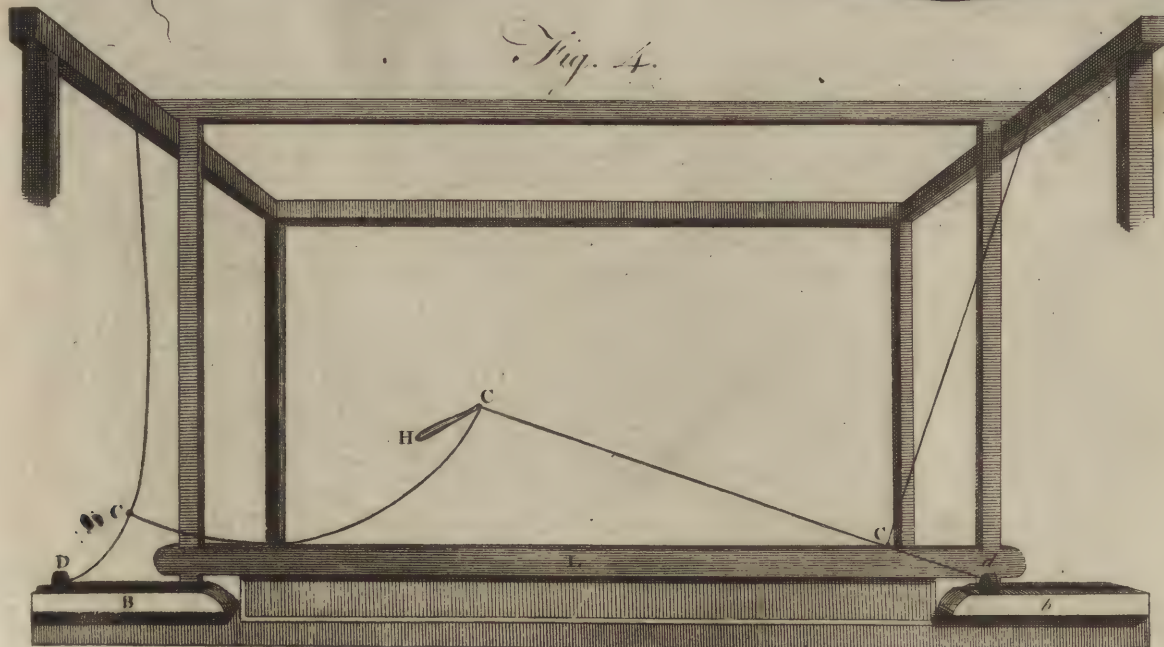


Fig. 4.





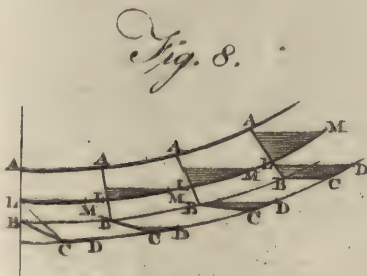
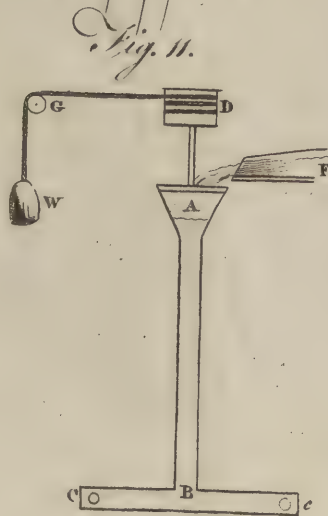
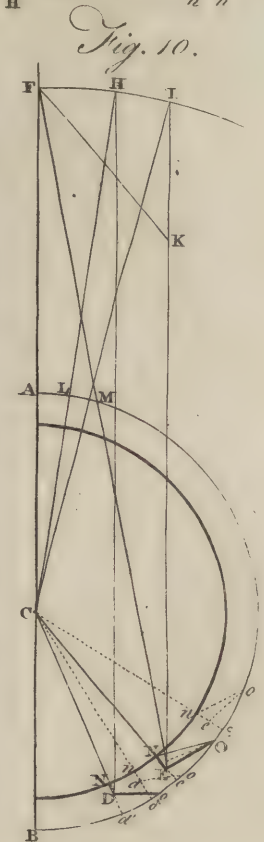
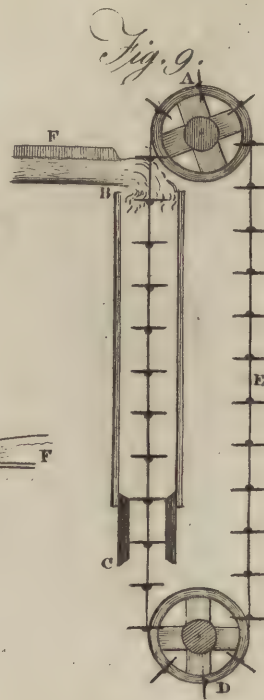
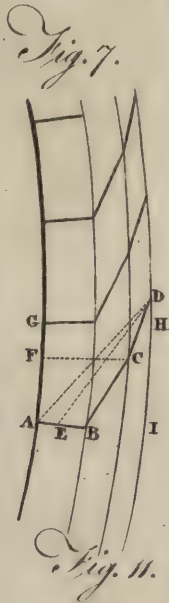
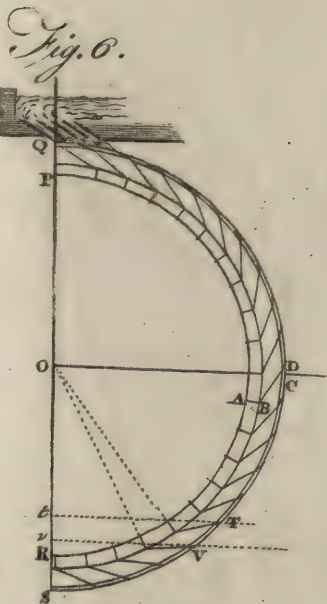
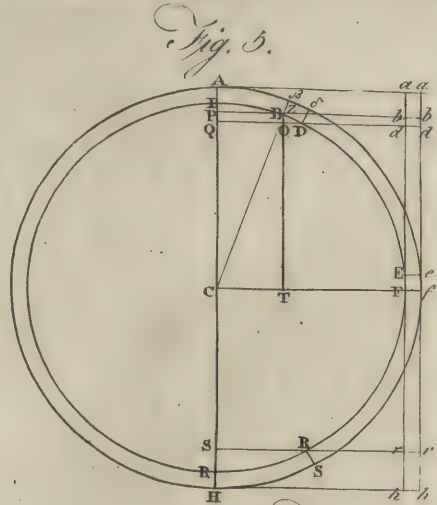
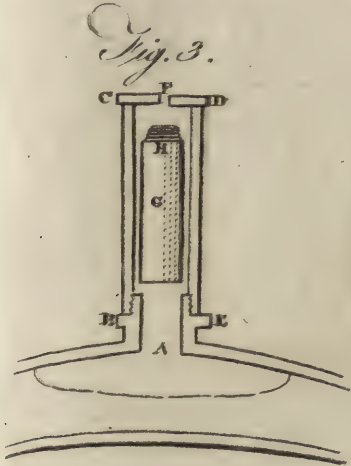
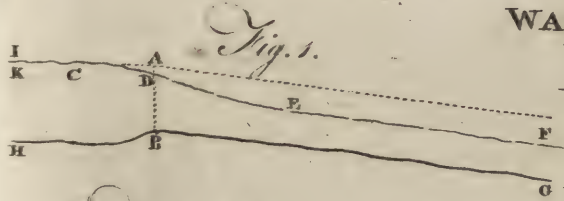


A. Bell. Pinx. Th. Sculpsit fecit.

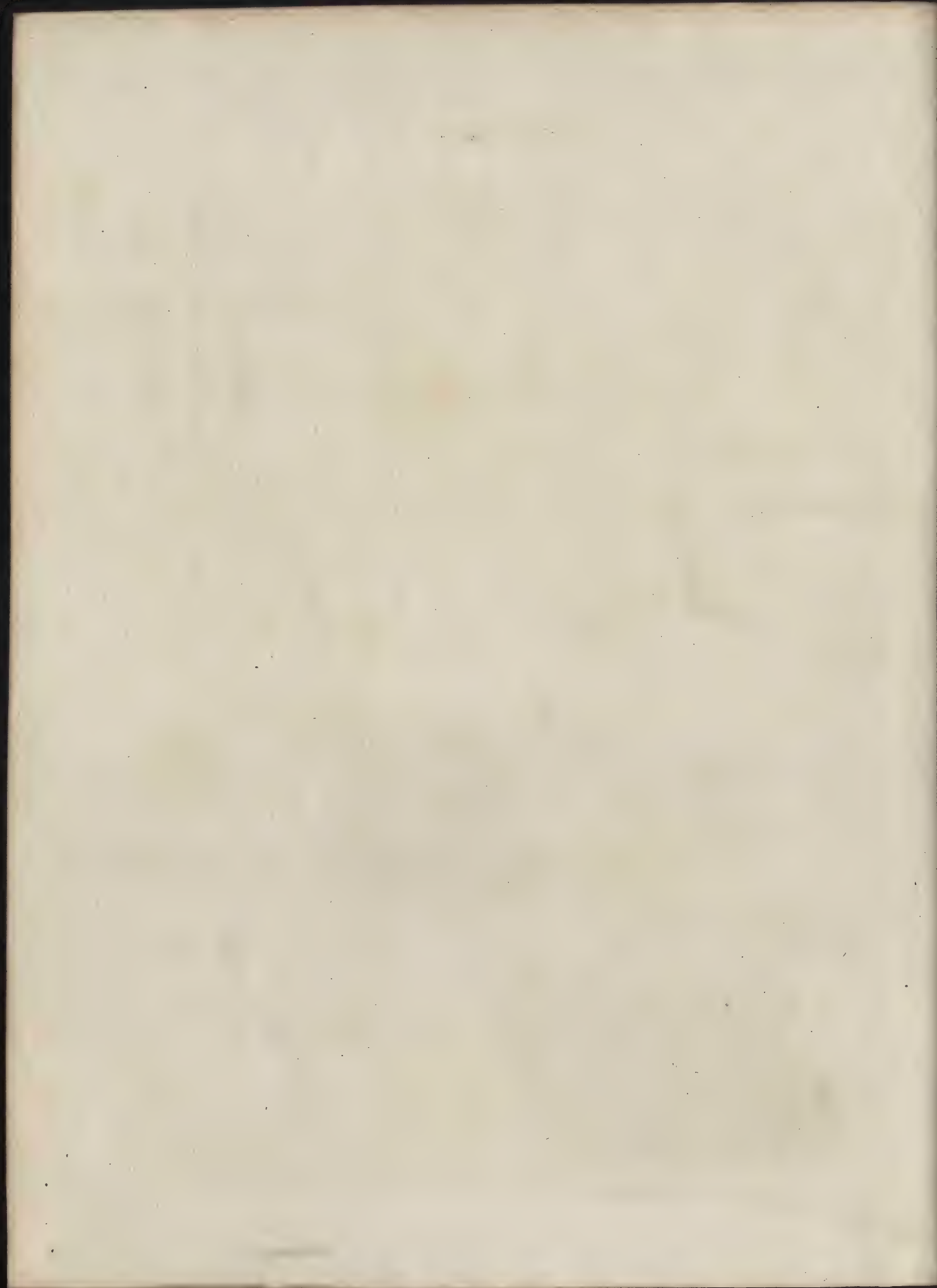


WATER WORKS.

Plate DXLI.



A Ball, in the, but pass, point.



WATER WORKS.

Plate DXLI.

Fig. 12.

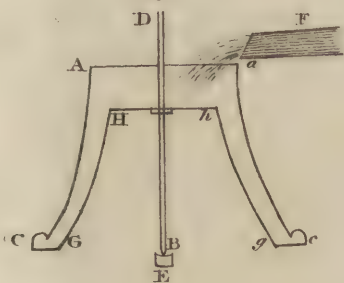


Fig. 13.

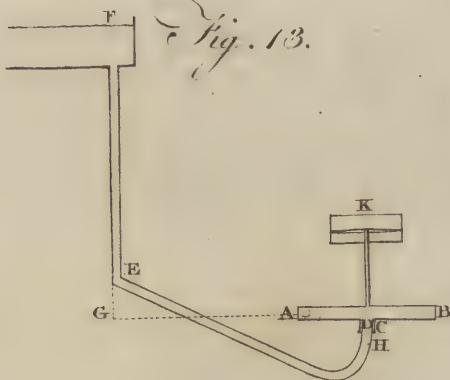


Fig. 14.

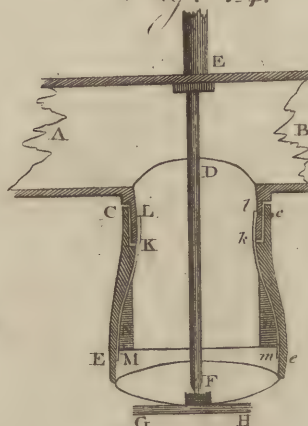


Fig. 15.

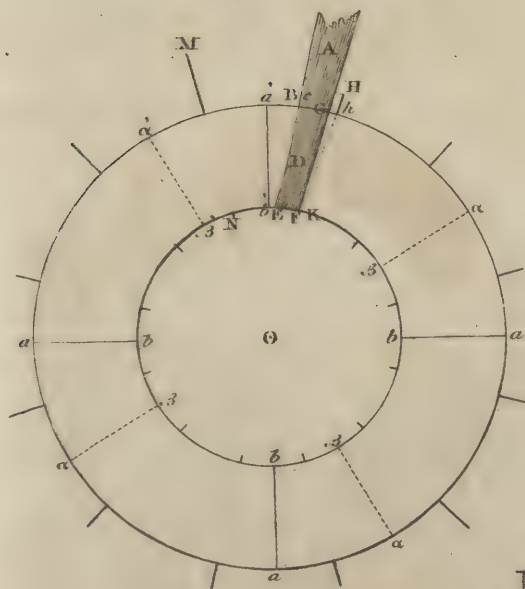


Fig. 16.

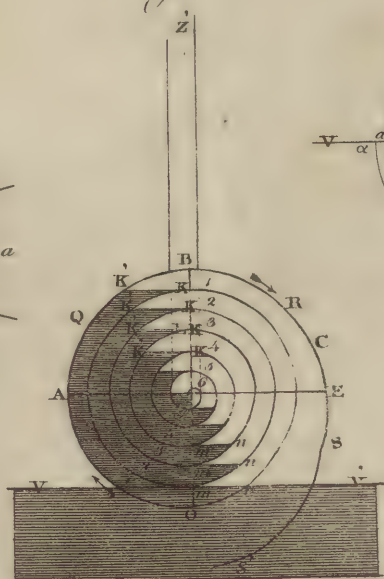


Fig. 18.

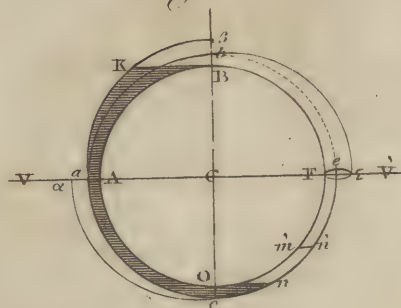


Fig. 20.

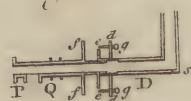


Fig. 17.

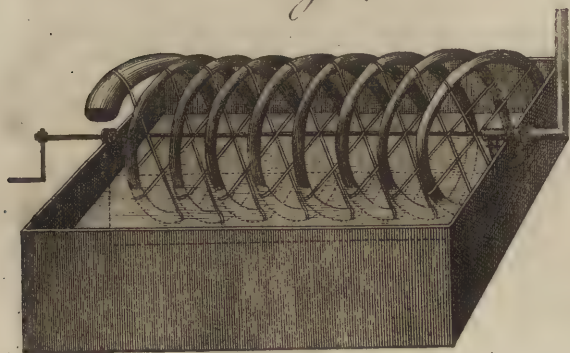
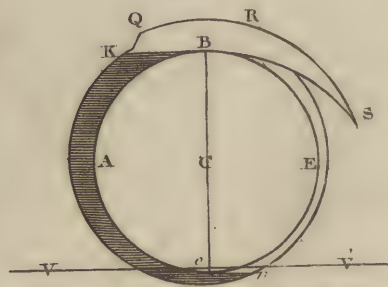
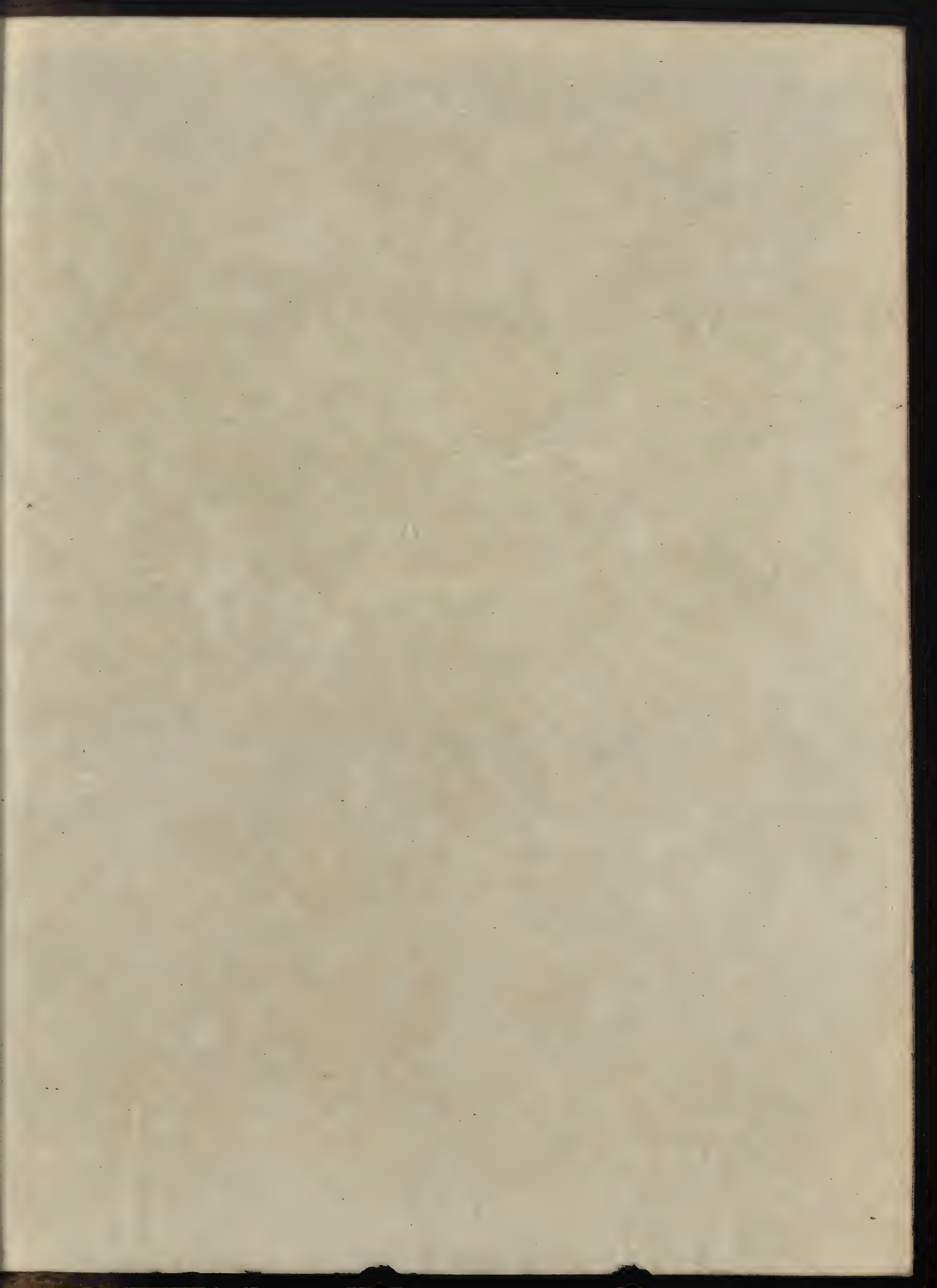


Fig. 19.



A. Bell Pin. M.A. Sculptor fecit.





2788-136 c.3

